

Chemical Week INDEX

Volume 115

July — December, 1974

McGRAW-HILL, INC.
1221 Avenue of Americas — New York, New York 10020



A

Abrasive — Chemical Week 300 — report (tables) Aug 21-31			Nov	20	40
Absorption — Process to remove sulfur dioxide from stack gas getting pilot test at North Star Chemical's Minneapolis sulfuric acid plant			July	31	32
Abu Dhabi — Mideast petrochemicals — report, John M. Winton (tables)			July	24	35
Accounting					
FIFO-to-LIFO shift: More modest earnings, more copious cash (chart & table)			Sept	11	17
— letter			Oct	30	5
Koppers switches to LIFO inventory accounting			Nov	27	22
LIFO system adopted by Du Pont			Aug	28	9
LIFO system adopted by Stepan; Monsanto considers switch			Aug	21	9
Acetic Acid					
Japanese plant of Nippon Synthetic to use Monsanto technology			July	24	16
NPCA's meeting: Shortages ebb, slowdown begins			Nov	13	25
Acetone — Upjohn's synthesis of hydroquinone based on phenol and acetone is said to cut costs, reduce plant effluents, by-product bisphenol A			Dec	11	51
Acids — Allied to double capacity for reagent- and electronic-grade acids			Aug	14	16
Acquisitions and mergers see Industry Developments ; also see under individual companies in Company Index					
Acrylates					
Celanese Mexicana's plant in Vera Cruz			Dec	4	36
Prices			Sept	18	31
Acrylic Acid — Glacial acrylic acid prices			Sept	18	31
Acrylic fiber see Fibers					
Acrylics — Artist's suppliers: Chemicals add new luster to paintings, sculptures			Dec	18	42
Acrylonitrile					
Monsanto plans expansion at Seal Sands plant in Teesside, England			Sept	18	31
Prices			July	31	18
Acrylonitrile-butadiene-styrene (ABS) see Plastics					
Additives					
American Cyanamid to expand capacity for additive, Accostrength 100 UK-A, to impart strength to dry, unbleached kraft linerboard			Oct	23	17
Chemical additives improve properties of concrete, mortars			July	10	19
Municipalities tackle problem of removing phosphates from wastes			Aug	21	37
Nalco's TMS extends the life of automotive antifreeze N Oct 16-27			Nov	6	35
Use of nitriles in processing fish may be curbed by FDA			Nov	6	14
Adhesives					
Dow's one-component urethane adhesive			Sept	4	14
Pressure-sensitive adhesives: Auto trimmings add drive to tape and label market — report, Patricia L. Layman			Oct	16	29
Adiponitrile					
Monsanto-Montefibre, U.K., joint plants to make adiponitrile and hexamethylene diamine for nylon-6/6			Sept	18	31
Monsanto Textiles' plant at Pensacola, Fla.			Oct	23	28
Advertising					
FTC launches investigation into the advertising and labeling of powder and pillform protein supplements			Sept	4	15
Listerine mouthwash: TV ads made false claims says FTC judge			Dec	18	21
Lysol ads: FTC accepts consent order from Sterling Drug and SSCAB			July	31	15
Plastic makers agree to limit nonflammability claims in ads			Aug	7	17
Aeronautics					
Delta Air Lines files suits against Exxon and EPA's Sawhill charging government failure to enforce new aviation fuel guidelines			Aug	7	19
Hazardous materials rules					
Regulation of chemical shipments up in the air; rules termed 'chaotic'			July	3	24
Air shipment rules proposals			Aug	28	16
CPI representatives find fault with proposed regulations for air shipment			Oct	9	17
Air Line Pilots Assn. members will refuse to fly passenger aircraft carrying most types of hazardous cargoes as of Feb. 2 '75			Dec	18	21
Aerosols					
Aerosols in sky pose down-to-earth threat? — ACS meeting			Sept	18	59
CMCS' annual meeting at Ottawa: Specialty makers are briefed on proposed legislation, flame retardancy regulations and aerosols			Oct	30	16
Consumer Product Safety Comm. orders ban on household sprays containing VC as a propellant			Aug	28	14
VCM aerosols ban on			Oct	16	20
Fluorocarbon spray propellants					
Legislation aimed at banning use being use being drafted by Reps. Rogers and Esch			Dec	11	27
NRDC requests ban on use			Nov	27	22
Researchers study possible ozone destruction by fluorocarbons from aerosol propellants that rise into the stratosphere			Nov	20	68
FDA advisory panel questions safety of antiperspirants containing zirconium			Dec	11	16
Africa — Feast and famine — Viewpoint			Oct	23	5
Agricultural Chemicals					
Hybrid wheat: Big new outlet for fertilizers? (charts)			Aug	28	11
Market demand boosts bromine sales			Nov	27	26
Stored grain preservatives getting plugs			July	17	39
Air Pollution					
Automotive					
Auto makers aim to cut catalytic converter costs			Oct	30	27
Catalytic muffler systems: controversy continues			Nov	27	13
Chrysler's alternative to catalytic converters: details beginning to surface			Aug	28	31
Ethyl's system for reducing automotive tail-pipe emissions without taking lead out of gasoline may be back in business			Sept	4	15
Details are emerging			Nov	20	63
Gould's catalyst for reducing nitrogen oxides in auto exhaust successfully tested in Japan			Sept	11	36
Sulfuric acid mist formation by autos using catalyst control systems in Los Angeles area will be investigated			Oct	2	31
Clean Air Act amendments: key proposal would permit emission of pollutants from tail stacks on power plants to remove SO gases — major energy officials favor scrubbers			Dec	18	19
Clean-air case: powers of states and the EPA to ease clean-air standards in special cases will be defined by the Supreme Court			Oct	23	24
Continental Can's ultraviolet curing of can coatings: expansion can be jeopardized by compliance dates of Clean Air Act			Oct	2	36
Desulfurization see Desulfurization					
EPA proposal that states decide air quality on economic growth will be challenged by Sierra Club			Aug	28	13
Sierra Club contends new EPA regulations violate the previous court order for "no significant deterioration"			Dec	11	58
Galaxy Chemical's solvents plant in Little Elk Valley, Md.: NIOSH and EPA to study toxic pollution complaints			Aug	21	15
Maryland bans chemical waste dumping			Sept	4	14
Germany: Dow gets go-ahead for Stadel chlorine expansion			July	31	21
Japan Gasoline develops dry process that removes 95% of nitrogen oxides from stack gas			July	24	28
Kennecott and EPA wrangle over new copper smelting process			Aug	28	30
Lead additives see Gasoline					
Lead poisoning probe at Bunker Hill's smelter in Kellogg, Ida.			Oct	9	16
Limestone stack-gas scrubbing systems face more problems			July	3	27
Mayo Chemical plant sued by residents of Smyrna, Ga.			July	3	10
N.J. Dept. of Environmental Protection suit against Midland Glass: specify test procedures before enforcing air pollution control, says judge			Oct	30	31
New Jersey says Kimberly-Clark's Spotswood plant runs afoul of pollution code			Sept	11	20
Phosphate fertilizer plants emission standards aimed chiefly at controlling fluoride emissions			Nov	6	31
Scrubber removes SO from power plant stacks, with no plugging or scaling problems			Oct	30	31
Sulfur dioxide scrubbers: Reservoir will hold sludges from Bruce Mansfield power station at Shippingport, Pa., on the Ohio River			Nov	20	67
Vermont governor asks GAF to reconsider shutdown of asbestos mine and mill			July	3	9
VCM emissions: New methods of controlling VCM emissions are being developed, but allowable level in air still has not been set by OSHA			Sept	18	66
— letter			Oct	2	5
VCM emission standards abroad differ from country to country			Oct	16	39
Air Pollution see also Environment					
Alcohol					
Detergent alcohols clean u as sales of non-ionic products soar			Oct	23	70
— letter			Dec	11	5
Japanese detergent alcohol plant started up			Nov	13	23
Tertiary oil recovery may provide a big market for chemicals			Dec	11	32
Algeria					
El Paso-Sonatrach deal may have reached an impasse over prices			July	17	33
LNG conference urges Algeria to adopt "realistic" pricing policies			July	3	6
LNG-3 or Eurogas: contract for the world's largest plant awarded to a consortium of companies			Sept	11	15
Mideast petrochemicals — report, John M. Winton (tables)			July	24	35
National Chemical Industries Corp. seeks bids on detergent producing plants			July	17	17
Natural gas contracts getting tougher to obtain			July	10	10
Petrochemicals figure prominently in long-range planning			July	10	10
Sonatrach will cut crude oil prices			July	31	21
Alumina					
Alcan-Aluminum Pechiney joint venture will exploit new alumina technology			Oct	18	40
Alcan's refinery near Limerick, Ireland			Dec	9	15
Continental Oil plans alumina plant at Lake Charles, La.			July	17	22
Kaiser's Gramercy, La., plant: bauxite filtration and storage system ends river discharge			Dec	4	39
Utah joint alumina-alumina-fertilizer plant			Aug	7	17
Aluminum					
Alcan sees '75 upturn			Oct	9	15
Alcoa drops household foil line			Aug	28	15
Alcoa to expand capacity of Badin, N.C. plant			July	17	22
Bauxite mining countries pressure aluminum makers; Guyana sets tax			Oct	9	15
BPA contracts for purchase of conductor cable			Aug	21	15
Guyana's aluminum smelter: Japanese interest in Venaul reduced			Aug	14	51
Japan's Light Smelters Assn. will build an aluminum smelter and hydroelectric development project joint venture in Brazil			Oct	2	25
Japanese aluminum ingot demand			Dec	11	39
Kaiser modifying Ravenswood, W. Va., aluminum sheet plant			Sept	25	19
Noranda Mines' aluminum reduction plant in New Madrid, Mo., to double capacity			July	3	13
Philippine complex			Sept	18	47
Prices N July 10-18, N July 17-39			Sept	11	25
Production tax negotiations under way between aluminum companies and Haiti and Dominican Republic			Oct	9	15
Recycling is the key to increasing the aluminum industry's supplies, Reynolds Aluminum's D.P. Reynolds tells AA annual meeting			Nov	6	22
Reynolds will shut down Jones Mill, Ark. reduction potline			Dec	11	15
Aluminum Assn. — Meeting (annual): Recycling is the key to increasing the aluminum industry's supplies, Reynolds Aluminum's D.P. Reynolds tells meeting			Nov	6	22
Aluminum Chloride — Prices			Oct	9	53
Aluminum Sulfate — Prices N Oct 9-53			Dec	18	35
Alumite — Utah joint alumite-alumina-fertilizer plant			Aug	7	17
American Chemical Society — Meeting (168th) discusses: Aerosol sprays; arsenic threat; biological warfare; 'pro-drug'			Sept	18	59
American Institute of Chemical Engineers					
EPA-AICHE joint meeting unveils a list of more than 300 hazardous materials			Sept	4	28
Kellogg engineers report natural gas will be preferred feedstock for ammonia production in North America and Europe until its price approaches \$11/million Btus			Aug	28	31
Meeting (67th annual): Engineers chart routes to Project Independence's 1985 goals			Dec	11	43
American Paper Institute — Report on paper & pulp annual capacity growth (chart)			Nov	6	21
American Petroleum Institute — Meeting (annual): Simon outlines plan to boost U.S. energy output			Nov	20	20
American Pyrotechnics Assn. — CPSC proposes a ban on firecrackers; other fireworks will not be affected			July	3	17
Ammonia — Alkyl amines plant at Virginia Chemicals' Bucks, Ala., planned			Oct	9	17
Amino Acid					
Growth in poultry markets and soaring fishmeal labs create market			Oct	30	19
Sugar substitutes sought			Nov	6	37
Ammonia					
Agrico and Farmland Industries plan joint venture plant in Okla.			Aug	28	9
Allied's South Point, O., plant back in full operation			Oct	23	67
Anhydrous ammonia capacity expansions planned			July	3	6
Anhydrous ammonia producers will lose nearly twice as much production because of natural gas curtailments			Dec	4	13
Bangladesh seeking foreign management for ammonia-urea plant			Dec	11	41
Brazilian complex planned			Nov	27	37
Canadian plants may provide a source of deuterium by '78			July	3	27

Chemico has contracts for components to be used in Russian ammonia plants . . . R	Dec	11	39	Mobil Oil continues plans for Marcor merger despite probe by Justice Dept. Aug	14	15	Senate fears that nuclear energy research might be overemphasized Sept	11	21			
Columbia Nitrogen will build plant in Augusta, Ga. R	Aug	14	47	Antitrust questions mount Aug	21	13	Thermal pollution see Environment; Water Pollution					
Fertilizer buildup: big enough, but not soon enough Dec	11	29	National Steel-Granite City Steel: 71 steel merger being restudied by Justice Dept. N	Sept	4	10	United Nuclear gets AEC contract to produce nuclear components at Montville, Conn. R	Dec	11	15		
First Mississippi's plant at Donaldsonville, La. Nov	13	9	Tetracycline price fixing case: court clears drug firms July	3	12	Uranium see Uranium						
Gazcocean-Oman deal to build two plants and form a national tanker fleet N	Sept	25	31	Argentina			Winds of change give atom energy plants big push — report: Albert H. Kisin (chart & table) Aug	28	20			
IMC and Commercial Solvents will build plant in Sterling, La. R	Aug	14	16	Bahia Blanca petrochemical complex way behind schedule N	Nov	20	57	Australia				
India ammonia-urea plant in Baroda planned R	Aug	14	47	Nationalization of Petroquímica Argentina S.A. called for by workers N	Aug	14	51	Phosphate prices will more than triple on Jan. 1, 75 N	Nov	6	29	
Indian plant at Kaldi R	Dec	18	27	Newsprint plant bids called for R	Aug	14	47	Redcliff project cost estimates tripled N	Sept	4	27	
Joint venture at Donaldsonville, La.: companies are Mesa Petroleum, Ashland Oil, Kewanee Oil and Highland Resources Dec	4	18	Pesticides: joint venture with Bolivia N	Sept	25	31	Automobiles					
Monsanto will build plant in Luling, La. N	Dec	18	17	Argon — Prices N Aug 21-19 N	Dec	11	32	Air-bag passive restraint systems: Congressional disagreement Aug	21	15		
Natural gas will be preferred feedstock for ammonia production in North America and Europe until its price approaches \$17 million Btus, say Kellogg engineers at AICHE meet N	Aug	28	31	Aromatics			Air pollution see Air Pollution — Automotive Air-pump engines: Chrysler's alternative to catalytic converters — details beginning to surface N	Aug	28	31		
Occidental expanding capacity N	July	10	10	Japanese prices N	July	3	22	Antifreeze and auto makers clash over radiator needs: summer coolants make ethylene glycol a year-round business July	17	36		
Portuguese plant in Sines N	Oct	16	35	Shortages reportedly are ending in Europe N	Oct	16	35	Auto sales slowdown is squeezing industry's chemical suppliers Nov	13	16		
Russia to get four plants from Creusot Loire R	Aug	14	47	Arsenic			Auto trimmings add drive to tape and label market — report: Patricia L. Layman Oct	16	29			
Russian unit started up at Severodonetsk R	Dec	18	27	Inorganic arsenic compounds may be carcinogenic studies indicate Sept	11	20	Compact cars will feature luxury fibers: more glass and plastics Sept	11	33			
Shortage and farm demand spurs new ammonia buildup July	17	42	NIOSH recommends that a no-detectable limit be set for inorganic arsenic use in the workplace Nov	27	22	OSHA studies possible link between arsenic processing and cancer Sept	4	31	Lead additives see Gasoline			
World shortages of nitrogen fertilizers predicted Nov	13	23	Potential environment peril aired at ACS meeting Sept	18	59	Naico's additive, TMS, extends the life of automotive antifreeze N Oct 16-27 N	Nov	6	35			
Analysis: Solid-state detectors pinpoint concentration of wide range of elements in samples faster than conventional X-ray methods Dec	4	43	Artist's supplies — Chemicals add new luster to paintings, sculptures Dec	18	42	Radiator chemicals survey at CSMA meeting (chart) July	3	21	Thermoplastic users faced with shortages (chart) July	3	21	
Anderson, Charles N., Jr. — Alcolac's president: He was trained to watch the bottom line Dec	18	55	Asbestos			Azodicarbonamide — Blowing agent to be produced by Stepan Chemical at Wilmington, Mass. plant R	July	3	13			
Anesthetics may pose health hazards for hospital surgical teams Oct	23	26	Borel case: Supreme Court decision sets precedent Oct	30	13	Baking Soda			Church & Dwight: Getting new-tangled with an old-time product Dec	4	33	
Aniline — Elprochene's process to make MDA N	Oct	9	63	Reserve Mining discharges into Lake Superior July	17	24	Gels, baking soda seek share of dentifrice market Sept	4	18			
Animal Feed				Supreme Court refuses request by Minnesota officials to strike down a stay of District Court order R	Aug	14	14	Bangladesh				
Mercury mix-up leads to slaughter of many calves in Europe Aug	7	22	Court vetoes company's plan for on-land disposal Sept	4	13	Ammonia-urea plant seeking foreign management N	Dec	11	41			
Need for feed quickens urea process battle July	17	28	Solution appears near: new on-land site for disposal considered Oct	16	20	Feast and famine — Viewpoint Oct	23	5	Barges — Plant sites 1975 report: John M. Winton Oct	23	47	
Anodes				Justice Dept. urges high court to ban Reserve Mining discharges Oct	23	24	Estimated barge shipping costs (table) Sept	11	56			
Chlorine plants' latest designs in diaphragms, anodes trim power use 10-15% Nov	27	45	Another day in court Nov	27	20	Barrett, Wayne T. — Foote Mineral's president and chief executive officer: A researcher who found the profit formula Sept	11	56	Batteries			
Gibbs diaphragm cells at Penrill's Tacoma, Washington chlorine-caustic plant will be replaced by eight Glanor electrolyzers Aug	28	31	Onland disposal site sought July	3	9	Chemical Week 300 — report (tables) Nov	20	39	Aug 12-29 Nov	20	39	
Antibiotics				Vermont governor asks GAF to reconsider shutdown of Hyde Park asbestos mine and mill July	3	9	ESB acquisition: United Aircraft and Inco locked in bidding battle July	31	12			
Adriamycin, for cancer treatment: Adria Labs hopes to get approval for marketing July	3	12	Asia see individual countries July	3	9	Inco wins bidding duel: Justice Dept. investigates Aug	7	19	Gould's new process for manufacturing dry-charge automobile batteries called Dry-namic Nov	13	36	
Pfizer's Terramycin (oxytetracycline) to treat Florida's coconut palm trees July	10	14	Atomic Energy Commission			Researchers aim for new high-energy, lightweight batteries Aug	28	27	UC and Sony set up a 50-50 subsidiary market dry-cell batteries R	Oct	30	14
Tetracycline price fixing case: court clears drug firms July	3	12	AEC will shut 20 nuclear power plants GE built to test for cracks Oct	2	13	Bauxite			Alcoa offers to increase revenues it pays for bauxite mined in the Dominican Republic R	July	17	24
Antifreeze				Most plants given a clean bill of health N	Oct	9	64	Bauxite mining countries pressure aluminum makers; Guyana sets tax Oct	9	15		
Antifreeze and auto makers clash over radiator needs: summer coolants make ethylene glycol a year-round business July	17	36	AEC see also Atomic Energy Commission			Brazil: new source in Amazon River basin Oct	9	15	Guyana announces nationalization of Reynolds Metals' bauxite operations July	24	15	
Markets: consumer will get what he needs, but he won't have as much choice as usual and will have to pay more Oct	9	59	Kerr-McGee's Cimarron nuclear fuel plant at Crescent, Okla.: Hazard charge probed Nov	27	19	IBA's meeting: Bauxite producers unite Nov 6-22 Nov	20	22	Kaiser and the government of Jamaica reach tentative agreement Nov	27	19	
Tightness to continue N	Dec	4	29	Lawrence Livermore Lab — solar energy will provide low-cost hot water for uranium milling in a joint venture with Sohio Oct	9	63	Reynolds' operations in Guyana face uncertain future as tax issue persists Oct	16	20	Belgium		
Naico's additive, TMS, extends the life of automotive antifreeze N Oct 16-27 N	Nov	6	35	Rocky Flats weapons complex near Golden, Colo., changing management; Rockwell's Atomics International Div.'s proposal to operate and manage the plant Dec	4	19	Calgon plans activated carbon plant at Feluy N	July	17	17		
Radiator chemicals survey at CSMA meeting Dec	11	22	U.S. signs pact to sell enriched uranium for reactors to Iran July	10	14	Essochem Europe will build PE plant at Meerhout-Vorst, near Antwerp N	Sept	25	31			
Antiknock Compounds				Uranium enrichment: AEC pushing private plants N	July	3	14	Japan's CPI gears up for yen invasion of Europe Sept	18	45		
Ethyl's MMT to boost octane in nonleaded gasoline Nov	6	35	Atomic Power			Thiokol-Royal Textile Mills Nijverdal-ten Cate joint venture fiber plant in Limburg R	July	24	16			
Prices N July 17-39, N Sept 4-17 N	Oct	23	67	AEC will shut 20 nuclear power plants GE built to test for cracks Oct	2	13	Benzene					
Antimony Oxide — Prices N	Oct	2	19	Most plants given a clean bill of health N	Oct	9	64	Organic chemicals production: U.S. Tariff Commission report Nov	20	48		
Antiperspirants — FDA advisory panel questions safety of antiperspirants containing zirconium Dec	11	16	Brazil: Government putting final touches on plan aimed at building 11,000 mw. of atomic power capacity by '90 Nov	27	38	Supply and demand forecast N	Sept	18	31			
Antitrust				Cost survey of utilities by Atomic Industrial Forum Nov	6	35	Benzenoid imports see Tariffs					
Dyestuff makers (9) deny "criminal conspiracy" N	July	24	9	Electricity from nuclear plants — AIF survey Dec	11	57	Benzenoid-terpenoid — Coal-derived fossil resins Oct	9	46			
Makers ponder plea Sept	25	18	Environment officials differ on the need for reliance on atomic power Oct	16	39	Benzenoid-terpenoid — Coal-derived fossil resins						
ESB acquisition: United Aircraft and Inco locked in bidding duel July	31	12	French nuclear power plans may be cut back Dec	18	25	Benzenoid-terpenoid — Coal-derived fossil resins						
Inco wins bidding duel: Justice Dept. investigates Aug	7	19	Japan's nuclear ship "Mutsu": extra layers of PE shielding can prevent neutron leaks N	Nov	20	64	Benzenoid-terpenoid — Coal-derived fossil resins					
Eastman Kodak agrees to sell competitors advance data on new film products settling antitrust suit with Bell & Howell July	17	24	Kerr-McGee's Cimarron nuclear fuel plant at Crescent, Okla.: Hazard charge probed Nov	27	19	Benzenoid-terpenoid — Coal-derived fossil resins						
FTC will issue complaints against 12 oil and gas companies for violating laws against interlocking directorates July	3	12	Nuclear deals: GE pulls out of a joint venture with Exxon; Westinghouse withdraws from project with Bechtel: AEC doing its best to keep Bechtel in the enrichment field Oct	2	13	Benzenoid-terpenoid — Coal-derived fossil resins						
Foote Mineral and Metallgesellschaft accused of dividing world markets for lithium products July	10	13	Nuclear power outlook bright, despite safety, financing concerns Aug	14	19	Benzenoid-terpenoid — Coal-derived fossil resins						
Grow Chemical, Continental Can charged with reciprocal dealing July	10	13	Nuclear reactors may provide the heat necessary to produce steel Dec	4	43	Benzenoid-terpenoid — Coal-derived fossil resins						
Inflation: "Summit" group looks at impact of concentration on inflation (table) Sept	4	11	Rasmussen Report concludes reactor risks are small Sept	4	14	Benzenoid-terpenoid — Coal-derived fossil resins						
Kauper, T.E. says antitrust enforcement will not be eased N	Aug	14	10	Benzenoid-terpenoid — Coal-derived fossil resins			Benzenoid-terpenoid — Coal-derived fossil resins					

Benzic Acid — Velsicol's plant in Beaumont, Tex. R	Sept 25	19	Atlantic Richfield withdrawing from participation in synthetic crude oil plant in Alberta's Athabasca tar sands area Dec	18	20	— letter Oct	2	5
Beverages			Barter deals involving Canadian sulfur and Moroccan phosphor N	Aug 21	9	VCM exposure: What standards can industry really live with? (table) Sept	25	15
Resins are ready to bottle up beverage market, Belgium's Solvay to introduce polyacrylonitrile barrier resin in beer bottles Sept	11	37	British Columbia petrochemical complex proposed N	Aug 7	29	Chemicals and cancer: spotting the link before it's too late Oct	2	29
Specialty chemical divisions set growth pace for food companies Oct	9	19	CMCS' annual meeting: Specialties makers are briefed on proposed legislation, flame retardancy regulations and aerosols Oct	30	16	OSHA's rules spur suits Oct	9	14
Biomaterials — Meeting hears how hydrogels, porous titanium and plastics improve success rate of restorative surgery Nov	27	41	Celanese Canada will expand polyester plant in Milhaven, Ont. R	July 24	16	Most of the time, it can be done — Viewpoint Nov	27	5
Birds: Environmental Defense Fund protesting Pentagon plans to kill 14 million blackbirds that Army contends are a health and safety hazard Nov	6	23	Corinco strike prospects appear bright for a settlement Sept	25	18	Reserpine-cancer link speculation spurs FDA tranquilizer study Oct	2	15
Bischloromethyl Ether			Diamond Shamrock Canada plans PVC plant R	July 17	35	SOCMA challenging decision that OSHA's categorization of ethylenimine was proper N	Sept 18	63
NIOSH screening industries for the presence of BCME N	Sept 4	10	Dilemma: resources attract, tax bills repel Aug	14	11	Cans see Containers		
Rohm & Haas: Nader's Health Research Group charges that at least 15 employees died from lung cancer in the last 12 years as result of exposure to BCME Oct	9	19	Dow Chemical of Canada's proposal to export ethylene, two provincial governments try to block proposal N	July 17	17	Caprolactam		
Rohm & Haas offers benefits to families of lung cancer victims Oct	23	26	Dow plans phenol expansion at Ladner, B.C. N	July 31	9	Dow Badische plans plant in Calvert, Ala. N	July 3	19
Bolivia			Dow plans styrene-butadiene latex plant in Varennes, Que. R	Aug 14	47	Mexican plant expansion Dec	4	36
Andean group petrochemical plan set to go July	24	14	Dow weighs petrochemical complex on Strait of Canso N	Aug 14	9	Carbohydrates — Sugar substitutes sought Nov	6	37
Ethylene joint projects with Venezuela N	Sept 25	31	Fertilizer embargo suggested in retaliation for the U.S. ban on Canadian meat imports N	Dec 4	35	Carbon — Aircro states capacity expansion N	Aug 21	9
Joint Peru-Bolivia petrochemical and chemical projects may materialize N	Aug 28	25	Fertilizer producers trying to line up supply of phosphate rock in Brazil N	Aug 14	23	Carbon, Activated		
Pesticides: joint venture with Argentina N	Sept 25	31	German ferroaluminum unit no threat to U.S. producers July	17	24	Activated carbon absorption unit to control VCM emissions being installed at Tenneco's Pasadena, Tex., plant Sept	18	66
Bonneville Power Administration — Contracts for purchase of conductor cable R	Aug 21	15	IMC considers expansion of potash operation in Esterhazy, Sask. N	Aug 21	19	Activated carbon impregnated with a silver complex for water purification systems Aug	7	38
Borax			Kimberly-Clark Terrace Bay, Ont. pulp mill expansion and modernization R	Aug 7	19	Calgon expansions at Callettsburg, Ky. and Feluy, Belgium July	17	17
U.S. Borax says allocations will continue, strike at Boron and Wilmington, Calif., plants aggravates supply bind N	Aug 14	23	LDPE, CIL, plans plant in Alberta N	Sept 4	9	Prices N	Sept 11	25
U.S. Borax will expand mine and refinery capacity at Boron, Calif. N	Nov 20	17	Natural gas export prices up 67% N	Oct 2	25	Secondary waste treatment: closed-cycle system uses pyrolysis to make activated carbon from primary sludge July	10	27
Bottles			Oil exports to the U.S. reduced; hints at more cuts Dec	4	19	Catalysts		
Nonreturnable bottles: controls have a slim chance of passing Congress this year N	Aug 14	10	Pipeline: Study on possible routes for a pipeline to carry crude oil south from northern Canada Oct	30	14	Auto makers aim to cut catalytic converter costs Oct	30	27
Plastic bottles battle is shaping up in the soft-drink field: Coca-Cola to introduce bottles of Monsanto's Cycle-Safe; Pepsi-Cola looking at Du Pont's Dalar polyester resin bottle N	Dec 4	29	Sarnia-Montreal crude pipeline may be built Dec	4	35	Gould's catalyst for reducing nitrogen oxides in auto exhaust successfully tested in Japan Sept	11	36
Resins are ready to bottle up beverage market, Belgium's Solvay to introduce polyacrylonitrile barrier resin in beer bottles Sept	11	37	Saskatchewan is moving to take over privately owned potash industry N	Oct 30	9	Novamont-Exxon patent suit cleared up; Novamont to license two PP catalyst patents N	July 24	28
Brazil			Texasgulf will make phosphate fertilizer at Timmins, Ont. N	Dec 4	13	Exxon charges Toho Titanium with infringing Japanese versions N	July 24	28
Aluminum smelter and hydroelectric development project: Japanese joint venture to be built near Belém N	Oct 2	25	Wilco Chemical plans sulfonation unit at Oakville, Ont. N	July 17	35	Regeneration process from Haldor Topsoe may double or triple life of catalyst in ammonia and hydrogen plants N	July 31	32
Ammonia and urea complex planned N	Nov 27	37	Canadian Manufacturers of Chemical Specialties Annual meeting in Ottawa: Specialties makers are briefed on proposed legislation, flame retardancy regulations and aerosols Oct	30	16	Sulfuric acid mist formation by autos using catalyst control systems in Los Angeles area will be investigated N	Oct 2	31
Atomic power: Government putting final touches on plan aimed at building 11,000 mw of atomic power capacity by '90 Nov	27	38	Cancer			Caustic Soda		
Bauxite: new source in Amazon River basin N	Oct 9	15	Adriamycin antibiotic: Adria Labs hopes to get marketing approval July	3	12	Dow plans for chlor-alkali plant in Japan face opposition N	Sept 18	37
Canadian fertilizer producers trying to line up supply of phosphate rock N	Aug 14	23	Aerosol spray propellants in the atmosphere can lead to skin cancer — ACS meeting Sept	18	59	Japan's caustic soda demand estimates revised downward N	Sept 25	31
Fertilizer expansions N	Nov 27	37	Aldrin and dieldrin ban in effect Oct	9	14	PPG to double capacity of Lake Charles, La. chloralkali plant N	July 24	9
Foster Grant's joint venture in plastics N	Nov 13	9	Arsenic: OSHA studies possible link between arsenic processing and cancer N	Sept 4	31	Pennwalt's Tacoma, Wash. chlorine-caustic plant will replace Gibbs diaphragm cells with Glanor electrolyzers N	Aug 28	31
Industrial gas facilities R	July 17	35	Inorganic arsenic compounds may be carcinogenic: studies indicate Sept	11	20	Plans for increased capacity take shape N	July 31	14
Iron ore pellet plant to get foreign investment N	Aug 21	23	Bischloromethyl ether: NIOSH screening industries for the presence of BCME N	Sept 4	10	Prices N July 24-23, N Aug 28-19, N Sept 4-17 N	Oct 9	53
Oil from shale pilot plant in Irtati N	Oct 2	25	Bischloromethyl ether: Rohm & Haas employees died from lung cancer as result of exposure to BCME charges Nader's Health Research Group Oct	9	19	Cellulose		
Bromine			Rohm & Haas offers benefits to families of lung cancer victims Oct	23	26	EEC papermakers battle rising costs and materials shortages Nov	13	31
Flame retardants, ag chemicals fuel bromine sales Nov	27	26	Chemotherapists find two or more drugs are better than one — report Joseph Hixson (table) July	31	26	ICI will test market synthetic tobacco cigarettes containing NSM, a treated cellulose derived from Finnish wood pulp N	Aug 14	51
Great Lakes Chemical's expansion plans N Sept 25-11 R	Oct 9	17	Du Pont's Haskell Labs. developing more economical carcinogen screening techniques for chemicals Dec	11	57	Substitute made from PE and PP N	Dec 4	39
Prices N	Oct 23	67	EPA report on New Orleans and other communities' water supplies shows amounts of cancer-causing chemicals Nov	13	18	Waste cellulose looking better as possible source of chemicals July	31	33
Bulgaria — PVC unit contract R	Aug 7	19	Carcinogens in drinking water furor providing the impetus for federal standards Nov	27	46	— letter Sept	4	5
Butadiene			Drinking water: first national safety standards likely to become law N	Dec 11	27	Cement		
French derivatives plant in Berre back on-stream R	Dec 11	39	Italian reports suggest vinylidene chloride may be carcinogenic Oct	16	20	Additives give concrete a lift July	10	19
Growth in demand slows as a result of cut-back in auto and tire output N	Nov 20	45	Italy's Cesare Maltoni: Cancer sleuth longs for simple life July	17	56	Chemical Week 300 — report (tables) Nov	20	41
Houston rail-yard explosion: ignited butadiene is suspected cause Oct	2	16	PVC-VCM probe July	3	5	Weldwood's rubberized waterproof flooring cement Sept	4	14
Phillips Petroleum's Plains butadiene plant in Borger, Tex. placed under computer control N	Aug 21	39	We're in this together — Viewpoint July	3	7	Ceramics — Biomaterials meeting hears how hydrogels, porous titanium and plastics improve success rate of restorative surgery Nov	27	41
Buyers' Guide Oct	30	Pt2	What's ahead for vinyl makers: slowdown or end of the road? (chart) July	3	7	Chemical Marketing Research Assn. — Meeting: Tough talk of continuing shortages and upward pressure on prices dominates Nov	20	47
C			Goodrich plans PVC plant in Louisville, Ky. despite VCM controversy July	17	20	Chemical Marketing Research Assn-Commercial Development Assn. joint meeting: conferees agree CPI won't repeat overcapacity of the '60s, see stable markets, increased profits ahead Sept	18	32
Cable — BPA contracts for conductor cable R	Aug 21	15	Labs — from Bologna, Italy to Decatur, Ill., — tackle threat July	17	30	Chemical Specialties Manufacturers Assn.		
Calcium Carbonate — Indian plant at Tara-pur R	Aug 14	47	VCM-cancer link prompts search for packaging substitutes July	31	19	Meeting (61st annual): new oligomer for polishes and coatings, product surveys and radiator chemicals started Dec	18	22
Calcium Chloride — Freeze drying of food: method developed by UCLA engineers N	Oct 16	39	Bendix's Launch Support Div. will undertake survey of VCM exposure July	31	32	'New' CSMA sets up shop in Washington, Engel, staff work out plans to cope with regulatory scene July	3	17
Calcium Silicate — Fiberglass plant, calcium-silicate insulation plant near Grand Junction, Colo. R	July 10	16	Tough week for vinyl: Senate hearings, ban on household sprays containing VC; FDA prepares regulation; Ohio meat wrappers bring suit against Good-year T&R and Borden Aug	28	14	"CHEMICAL WEEK" — Headlines that were — Publisher's Page Dec	18	7
Canada			OSHA-sponsored economic impact report on VC standard spurs controversy Sept	18	22	CHEMICAL WEEK Reports		
Alberta tightening rules for nitrogen plant construction N	Sept 4	27	How new technology can solve emission problems at vinyl plants Sept	18	66	Auto trimmings add drive to tape and label market, Patricia L. Layman Oct	16	29
Ammonia plants may provide source of deuterium by '78 N	July 3	27				Cancer chemotherapists find two drugs are better than one, Joseph Hixson (table) July	31	26
Athabasca tar sands: Shell Oil bowing out of tar sands because of uncertainties Nov	6	19				CPI raises its bets on Mideast oil, gas and gold, Homer G. Starr (charts) Sept	18	51

Chemical Week 300 (tables)

Second-quarter profits run high, but gains are distorted by inflation	Aug	21	26
Third-quarter paradox: CPI earnings advance while GNP retreats	Nov	20	36
Energy and the product mix. Rivoire & Winton (tables)	Nov	27	29
Energy policy, off in all directions. Irvin Schwartz (charts & table)	Aug	14	53
French CPI growth recipe takes on Mideast flavor. Albert H. Kislis	Oct	30	21
Mideast pulls chemical crowd. John M. Winton (tables)	July	24	31
— letter	Oct	2	5
A new ball game for multinationals in the offing. Gibson & Price	Dec	18	29
Plant sites 1975. Social concerns are complicating the choosing. John M. Winton (charts, tables, maps)	Oct	23	33
They're making solid effort to get clean coal liquids. Donald P. Burke (flowsheets)	Sept	11	38
Will there be enough steroids? Norman Appleweiz	July	10	31
Winds of change give atom energy plants big push. Albert H. Kislis (chart & table)	Aug	28	20

Chile

Anacosta agrees to settle claims	July	31	9
Andean group petrochemical plant set to go	July	24	14
Copper shipments trimmed	Nov	27	20
Petrodow to up capacity of LDPE plant	Aug	14	9
China — Fertilizer imports from Japan: cost will double in the next 5 months	Sept	11	45

Chlor-Alkali

Dow plans for chlor-alkali plant in Japan faces opposition	Sept	18	37
PPG to double capacity of Lake Charles, La., plant	July	24	9
Prices	Sept	4	17
Chlorides — Thionyl chloride plant planned by Mobay at New Martinsville, W. Va.	Aug	14	23

Chlorine

EPA asks chlorine "priority" for water, sewage treatment units	July	3	9
Germany: Dow gets go-ahead for Stade expansion	July	31	21
K.A. Steel's ferric chloride plant due on-stream this week	Dec	4	19
Penwall's Tacoma, Wash. chlorine-caustic plant will replace Gibbs diaphragm cells with Glanor electrolyzers	Aug	28	31
Peru-Bolivia projects may materialize	Aug	28	25
Plans for increased capacity take shape	July	31	14
Plants' latest designs in diaphragms, anodes trim power use 10-15%	Nov	27	45
Prices N Sept 4-17	Nov	27	45

Chlorofluoromethanes

Aerosol spray propellants in the atmosphere can lead to skin cancer	Sept	18	59
Univ. of Calif. researchers say chlorofluoromethanes will reduce the stratospheric ozone layer that protects the earth from solar ultraviolet radiation	July	10	29
Cholestrol — Contraceptive steroids from cholestrol: Japanese process may go commercial	Aug	28	31
Cigarettes — ICI will test market synthetic tobacco cigarettes containing NSM	Aug	14	51
Citric Acid — Miles Labs plans plant in Dayton, O.	July	10	10

Cleaners

Chemical Week 300 — report (tables) Aug 21-26	Nov	20	38
Nalco's additive, TMS, extends the life of automotive antifreeze N Oct 16-27	Nov	6	35
Oven cleaner, noncaustic aerosol	July	10	29
Production survey released at CSMA meeting	Dec	11	22
Urethane coating primed for attack on graffiti: producers are penetrating mass-transit market with durable, easy-to-clean surface materials	Sept	25	26
Cleaning — UC acquires patent rights and equipment of Klean-Kote process for cleaning pipelines by internal sand blasting	Nov	20	64

Coal

Blast furnace coke plants using new process will be built in Japan and "other parts of the world": technique will be tested in Bethlehem's Sparrows Point, Md. plant	Aug	14	66
Blu, gas-from-coal plant prospects good; Kellogg unveils fixed-bed process	Aug	7	24
CPI power woes: cut-offs, costs (table)	Oct	16	17
Coal strike see Labor			
Combustion Engineering will develop process for OCR to produce low-Btu. gas	Dec	11	58
Extraction of underground coal as a liquid will be tried in a joint research effort	Nov	27	43
FPC proposes regulations for defining and dealing with an "electrical emergency"	Sept	18	27
FPC ruling that gas produced from coal can be mixed with natural gas may clear the way for construction of New Mexico plants	July	3	9
Gasification see Gasification			
Gulf Resources purchases coal properties in Pa.	Sept	4	14
Inland Steel will develop metallurgical coal mine at McLeansboro, Ill.	Nov	13	16

Liquefaction see Liquefaction

Lurgi (Frankfurt) proves methanation step for fixed-bed process	Aug	7	24
Montana strip-mined coal shipped to Japan draws protests from the governors of Mont. and N.D.	Oct	9	10
National Petroleum Council reports there's enough water to support development of coal and shale oil in Western states	Nov	13	39
Natural gas shortages are forcing plants to switch to fuel oil and coal for boilers (tables)	Sept	18	19
Outlook brightens	Nov	6	19
Pilot plant to study the use of coal to power steam and gas turbines proposed	Oct	30	31
Plant sites 1975 report. John M. Winton			
How industrial power costs, charges for coal, oil and gas, and reserves compare (table)	Oct	23	48
Power capacity and reserves (map & table)	Oct	23	52
Portland General Electric acquires more than 45,000 acres in coal prospecting permits	Dec	4	19
South Africa banks on coal for chemical buildup (map)	Sept	25	33

Coatings

Conchemco will close its Detroit plant, transferring coil and electrodeposition coatings to Kansas City and Baltimore plants	Oct	23	28
Continental Can's ultraviolet curing of can coatings: expansion can be jeopardized by compliance dates of Clean Air Act	Oct	2	36
Japanese powder coatings plant planned. R. Multicolor paint is ready to enter new markets	Dec	18	27
Non-solvent urethane for coating fabrics	Oct	9	45
Oligomers for polishes and coatings	Nov	27	35
Polyester-coated guardrails installed by Texas Highway Dept. at Houston interchange	Dec	18	22
PE emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based system	Aug	7	37
Process that can pretreat and coat steel in a single step	Dec	11	37
Tenneco Chemicals' coatings and plastics colorants — new plants and expansion	Dec	18	40
Urethane coating primed for attack on graffiti: producers are penetrating mass-transit market with durable, easy-to-clean surface materials	Nov	13	9
Waterborne interior coating, Environ 1776, will debut in beer and soft-drink cans	Sept	25	26
	Sept	11	36

Coke

Blast furnace coke plants using new process will be built in Japan and "other parts of the world": technique will be tested in Bethlehem's Sparrows Point, Md. plant	Aug	14	66
Chemical Week 300 — report (tables) Aug 21-23	Nov	20	41
Colombia — Andean group petrochemical plant set to go	Nov	20	41
	July	24	14

Colorants

Coal-derived fossil resins	Oct	9	46
Tenneco Chemicals' coatings and plastics colorants — new plants and expansion	Nov	13	9
Colors — Artist's supplies: Chemicals add new luster to paintings, sculptures	Dec	18	42

Computers

Data General's mini-computers looking for process industries work	Oct	9	64
Microcomputers ready to take over control problems in process plants previously reserved for large devices	Nov	13	35
Monitoring and controlling a chemical plant's energy use, at ISA show	Nov	6	33
Phillips Petroleum' Plains butadiene plant in Borger, Tex. placed under computer control	Aug	21	39
UC order processing goes to fully automated computer system	Aug	7	18
Concrete — Additives give concrete a lift	July	10	19

Construction

Canada: Alberta is tightening rules for nitrogen plant construction	Sept	4	27
CMRA's meeting: Tough talk of continuing shortages and upward pressure on prices dominates	Nov	20	47
Housing slump hurts plywood makers, trims demand for resins	Sept	11	21
Japan: Chisso Corp. and the Chiba prefecture government will share cost of building houses for people who live near the PE plant at Goi that was damaged by an explosion and fire	Dec	18	25
Thermoplastic users faced with shortages (chart)	July	3	21

Contact Lenses

Alcon Labs expects "a lot of law suits" as a result of an agreement with Hydro Optics to develop a soft hydrophilic contact lens	Sept	11	21
Bausch & Lomb and 3 coplaintiffs charge Automated Optics with infringement of patents	Sept	4	13

Containers

American Can's study on container costs and cuts in energy use	Nov	20	22
Resins are ready to bottle up beverage market. Belgium's Solvay to introduce polyacrylonitrile barrier resin in beer bottles	Sept	11	37
Solid-waste disposal bills could have far-reaching effect on packaging	July	31	13
Waterborne interior coating, Environ 1776, will debut in beer and soft-drink cans	Sept	11	36
Controls — Beckman Instruments' new instrument line designed specifically for chemical plants and refineries	Aug	21	39
Cook, Carol — Luzier Cosmetics' president. Direct selling led her directly to top	Oct	2	32

Copper

Anacosta agrees to settle claims against Chile	July	31	9
Anacosta reaches tentative agreement with eight labor unions on new contracts	July	3	9
Anacosta's copper mining and concentrating complex in Utah	Sept	18	24
Anacosta Canada will discontinue operation of Britannia Beach, B.C. mine and concentrator	Oct	16	24
Kennecott and EPA wrangle over new copper smelting process	Aug	28	30
Kennecott strike ending	July	24	14
Phelps Dodge will close Lavender Pit copper mine and concentrator at Bisbee, Ariz.	Dec	11	15
Prices	Nov	23	67
Shipments: four copper-producing nations trim shipments	Nov	27	20

Cosmetics

Chemical Week 300 — report (tables) Aug 21-28	Nov	20	38
FDA to study cosmetic and toiletry related injuries	Sept	25	23
FDA's "cosmetic product experience" reports results of the first tabulation of complaints	Dec	11	27
Germaides, FDA monograph on topical antimicrobial agents proposing strict limitations of those chemicals in proprietary medical and cosmetic items	Aug	14	15

Costs

American Can's study on container costs and cuts in energy use	Nov	20	22
Cyanamid's committees develop conservation ideas, get workers interested by showing that management is concerned about energy costs	Dec	4	40
Fuel cost survey of utilities by Atomic Industrial Forum	Nov	6	35
Industrial Energy Users Assn.: Industrial power consumers band together to fight rate hikes	Nov	6	13
Joint municipal-industrial treatment costs will be high: EPA considers tailoring standards to individual plants	Oct	9	27
Maintenance costs set new records (table)	July	3	23
North Sea oil production costs are expected to burgeon to \$15 billion by '80	Dec	11	13
Plant sites 1975 report: John M. Winton			
Capital requirements for water treatment (table)	Oct	23	38
Key labor cost data for all 50 states	Oct	23	45
Shipping costs (charts & table)	Oct	23	47
Pollution control costs			
Commerce Dept. reports on expenditures	Aug	28	15
Corporate spending for pollution control continues to rise	Sept	25	11
Du Pont will spend \$175 million for pollution controls in '75	Nov	27	43

Cotton

Cotton Inc. process uses dilute sulfuric acid to remove lint from cotton seeds	July	24	28
Monomer grafting will prove a cheaper route to nonflammable cotton	July	17	29
Council of Chemical Assn. — Seminar on Pretreatment Standards: Joint municipal-industrial treatment costs will be high; EPA considers tailoring standards to individual plants	Oct	9	27

Cyclamates

Abbott Labs.: FDA wants more tests before cyclamates go back on store shelves	Sept	18	22
Abbott makes new pitch to FDA to get cyclamates back on market	Nov	20	20
Sugar substitutes sought: With cyclamates banned and saccharin under fire, researchers are readying new sweeteners	Nov	6	37
Cyclohexanone — Prices	Sept	25	23
Czechoslovak Academy of Science — Contact lenses patent suit against Automated Optics	Sept	4	13

D

DDT

DDT, where it started — letter	Aug	28	5
Game in the Pacific Northwest forests may have been contaminated by DDT	Oct	16	24

Tussock moth larvae succumbing to DDT spraying in Northwest forests	July	24	14	Distribution — NACD's meeting: Chemical distributors are wrapping up their best year; some distributors voice concern about pricing trends	Dec	18	17	U.S.-Arab trade relations: improvement being actively sought	Oct	9	57
Dairy Industry — Chemical Week 300 — report (tables) Aug 21-35	Nov	20	40	Doan, Herbert D. of Doan Associates: He helps get small firms off the ground	July	31	36	Electric Power Generation			
Decongestants — Vaporizer in a Bottle: New "vaporizer" releases volatile decongestants through a wick	Nov	27	34	Dominican Republic				CPI power woes: cut-offs, costs (table)	Oct	16	17
Deliveries				Alcoa offers to increase revenues for bauxite it mined	July	17	24	Chlorine plants' latest designs in diaphragms, anodes trim power use 10-15%	Nov	27	45
Buyers scrambling for equipment (table)	Aug	7	25	Production tax negotiations under way between aluminum companies and Dominican Republic	Oct	9	15	Dried plant material may become an important source of electric power	July	17	29
Equipment delivery times are leveling off, but prices still climb (table)	Oct	2	26	Drugs				Electricity from nuclear plants — AIF survey	Dec	11	57
UC order processing goes to fully automated computer system	Aug	7	18	Adria Labs hopes to get approval for marketing adriamycin, antibiotic for cancer treatment and other ethical pharmaceuticals	July	3	12	Industrial Energy Users Assn.: Industrial power consumers band together to fight rate hikes	Nov	6	13
Dentifrices — Gels, baking soda seek share of dentifrice market	Sept	4	18	ACS meeting discusses new methods of increasing the effectiveness of drugs by altering their chemical structures	Sept	18	59	Norway's smelting business hurt by power shortage	Nov	6	29
Depreciation see Taxation				Antibiotics see Antibiotics				Electrodes			
Desalting see Water Treatment				Antirabies serum Hyperab, first from human origin, from Cutter Labs	July	3	12	Batteries: Researchers aim for new high-energy, lightweight batteries	Aug	28	27
Desulfurization				Arthritis drug from Upjohn called motrin	Oct	9	48	UC plans graphite electrode unit	Aug	21	15
Absorption process to remove sulfur dioxide from stack gas getting pilot plant test	July	31	32	Cancer chemotherapists find two drugs are better than one — report, Joseph Hixson (table)	July	31	26	Electrolyzers — Gleaner electrolyzers will replace Gibbs diaphragm cells at Pennwalt's Tacoma, Wash. chlorine-caustic plant	Aug	28	31
Limestone stack-gas scrubbing systems face more problems	July	3	27	Chemical, drug and nonferrous metal pricing practices will be investigated by the Justice Dept.	Nov	6	13	Electronics			
Scrubber removes SO from power plant stacks, with no plugging or scaling problems	Oct	30	31	Chemical Week 300 — report (tables) Aug 21-27	Nov	20	37	Beckman Instruments' new instrument line designed specifically for chemical plants and refineries	Aug	21	39
Detergents				Contraceptive steroids from cholesterol: Japanese process may go commercial	Aug	28	31	Magnetic bubbles in amorphous thin-film alloys	Nov	27	43
Algeria's National Chemical Industries Corp. seeks bids on detergent producing plants	July	17	17	Contraceptives: Surgeon sees link between contraceptives and rare liver growths	Nov	6	21	Solid-state detectors pinpoint concentration of wide range of elements in samples faster than conventional X-ray methods	Dec	4	43
Chemical Week 300 — report (tables) Aug 21-28	Nov	20	38	Contraceptives: Will there be enough steroids? — report, Norman Applezweig	July	10	31	Elliott, Eleanor Thomas — Election to Celanese board completes search for female director	Oct	2	13
Detergent phosphates				Diagnostic Data's anti-inflammatory drug, Orpotein, to be produced in England	Aug	28	16	Employment			
Canadian studies prompt environmental protection authorities in Great Lake basin states to reassess their phosphate position	Oct	30	9	DES damage suit filed against 30 firms by 16 Detroit-area residents	Sept	25	18	Engineer/Scientist Demand Index from Deutsch, Shea & Evans	Dec	11	57
Minnesota will push for zero-phosphate legislation	Nov	6	13	Eli Lilly plans expansion of its pharmaceutical facilities in Europe and Africa	Oct	30	14	Engineers and chemists: nationwide survey finds technological job crunch is fast fading (charts & table)	Oct	9	12
Prices	Aug	28	19	FDA physicians charge pressure from FDA for approval of new prescription drugs	Aug	28	15	— letters	Nov	13	5
Germany's Henkel & Cie. developing plastic containing heavy concentrations of carboxyl groups that would attract dirt	Oct	23	61	Fertility drug, Clomid, improves the sperm count of males	Sept	4	10	Layoffs			
Linear alcohols' buildup spurred by growing demand for nonionic versions of cleaning products	Oct	23	70	Germicides: FDA monograph on topical antimicrobial agents proposing strict limitations of those chemicals in proprietary medical and cosmetic items	Aug	14	15	American Enka may lay off textile workers R Oct 30-14	Dec	11	14
New method of making aqueous polyphosphate solutions developed; first product, Kalipol 18, detergent building	July	10	29	ICI and Sumitomo joint venture in Japan	Dec	11	39	Celanese lays off workers because of declining sales	Dec	11	14
Wilco's Ultra Div. will launch Active, a heavy-duty powder detergent, in New England and Baltimore-Washington markets	Oct	30	9	Morton-Norwich Products plans plants in Puerto Rico and Norwich, N.Y.	July	3	13	Glass-fiber makers are trimming output	Dec	18	35
Deuterium				OTA report supports pharmaceutical industry's contention that all brands of generic drugs are not always equally effective	July	24	15	Guyana bauxite mining operations lays off 428 workers	Oct	30	14
Canadian ammonia plants may provide a source of deuterium by 78	July	3	27	Opium shortage in 75	Dec	18	21	Libbey-Owens-Ford's glass workers laid off	Nov	27	22
Deuterium Corp. wins \$1,495,000 judgement in patent battle with AEC over use of dual-temperature isotope-concentration system	July	17	29	Parkinson's disease: Monsanto new process, direct synthesis of the pharmacologically active form of molecules that occur in two mirror-image isomers, being used to produce L-dopa	Nov	20	71	US Dept. of Labor BLS reports	July	17	23
Dianilinoterephthalic acid (DATA) — Intermediate looking for work	July	3	27	Tranquilizers: Reserpine-cancer link speculation spurs FDA tranquilizer study	Oct	2	15	Rise in chemical jobs (tables)	Aug	14	13
Diaphragms — Chlorine plants' latest designs in diaphragms, anodes trim power use 10-15%	Nov	27	45	Tranquilizers Valium and Librium: Hoffmann-La Roche offered to cut prices	Nov	6	42	Chemical jobs on rise	Sept	18	24
Diazinon — Rise in Rocky Mountain spotted fever incidences causes widespread spraying of diazinon	July	17	23	Vaporizer in a Bottle: New "vaporizer" releases volatile decongestants through a wick	Nov	27	34	Job scene steady	Oct	16	24
3,3'-dichlorobenzidine — SOCCA challenging the standards	Oct	30	14	Warner-Lambert's acquisition of Parke, Davis & Co. not a drug monopoly rules FTC judge	Aug	21	13	CPI employment down	Nov	13	15
Diethylstilbestrol — Damage suit filed against 30 firms by 16 Detroit-area residents	Sept	25	18	Drying — Calcium chloride for freeze drying of food: method developed by UCLA engineers	Oct	16	39	CPI employment slips	Dec	18	19
Diethyl succinylsuccinate (DESS) — Intermediate looking for work	July	3	27	Dyes				We're missing the summit — Viewpoint	Oct	9	5
Di(aminophenyl)methane — Elprochene's process to make MDA	Oct	9	63	Dye stuff makers deny "criminal conspiracy"	July	24	9	— letters	Nov	13	5
Diglycolamine — Jefferson's Port Neches, Tex., facility to produce Diglycolamine-R and morpholine	Dec	11	15	Calina Industries files suit	Sept	18	22	A woman is a person — Viewpoint	Aug	7	5
Dihydrochalcones — Sweeteners derived from chemical extracts of the rinds of grapefruits and other citrus fruits	Nov	6	37	Dye makers ponder pleas	Oct	30	13	Emulsions			
Dimethylhydrazine — UDMH: threatened shortage in exotic rocket fuel due to OSHA find that nitrosodimethylamine could cause cancer	Nov	20	45	Round two on dyes	Oct	30	13	Alphazone for the paper industry: Cyanamid's plants at Springhill, La., and Mobile, Ala.	Oct	9	17
Dimethyl Terephthalate				Fluorescent dyes to control fire ants	Sept	18	59	PE emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based systems	Dec	11	37
Du Pont shuts down plant in Old Hickory, Tenn.	Nov	27	13	Textile dye consumption will rise 4% in the U.S. next year	Dec	18	35	Energy Crisis			
Fiber makers trim output to ride out textile slump	Dec	4	31	Dynamite see Explosives				AICHE meeting: Engineers chart routes to Project Independence's 1985 goals	Dec	11	43
Hercules to suspend production at Burlington, N.J. plant	Nov	27	13	E				API's meeting: Simon outlines plan to boost U.S. energy output	Nov	20	20
Dipeptide — Sugar substitutes sought	Nov	6	37	Ecuador — Andean group petrochemical plan set to go	July	24	14	Cabinet-level department of energy and natural resources action delayed	July	17	29
Disinfectants				Education				CMRA's meeting: Tough talk of continuing shortages and upward pressure on prices dominates	Nov	20	47
Lysol-brand disinfectants: FTC accepts consent order from Sterling Drug and SSC&B	July	31	15	Engineers and chemists: nationwide survey finds technological job crunch is fast fading (chart & table)	Oct	9	12	CPI power woes: cut-offs, costs (table)	Oct	16	17
Production survey released at CSMA meeting	Dec	11	22	— letters	Nov	13	5	CW's Energy-Impact Series			
Dispersure — Sexual attractant helps sidetrack the gypsy moth in the Northeast	Oct	23	28	We're missing the summit — Viewpoint	Nov	13	5	CPI raises its bets on Mideast oil, gas and gold — report, Homer G. Starr (charts)	Sept	18	51
Disposables				Egypt				Energy and the product mix — report, Rivore & Winton (table)	Nov	27	29
INDA's 3rd conference and exposition: "A Focus on the Future" is theme	Nov	6	27	Investment in iron ore pellet plant in Brazil	Aug	21	23	Energy policy: off in all directions — report, Irvin Schwartz (charts & table)	Aug	14	53
Let's look at disposables — Viewpoint	Nov	6	5	Mideast petrochemicals — report, John M. Winton (tables)	July	24	35	Mideast pulls chemical crowd — report, John M. Winton (tables)	July	24	31
— letter	Dec	11	5	— letter	Oct	2	5	A new ball game for multinationals in offing — report, Gibson & Price	Dec	18	29
"Super slurpers", graft polymers, vie for use in disposal items	July	24	21					Winds of change give atom energy plants big push — report, Albert H. Kisin (chart & table)	Aug	28	20

(N Newsletter, R Roundup.)

F

Fallon, Walter A. — Eastman Kodak's president: He makes picture taking a snap	July	24	48	Man-made World population growth will boost fiber consumption, says Du Pont's Baby	Oct	16	35	"Fertilizer Financial Facts" — TFI report	Dec	4	13
Federal Energy Administration				Man-made fiber shipments — Textile Economics Bureau reports N Oct 9-53	Dec	11	32	Fertilizer producers' capital spending plans	July	31	9
New faces, new policies: Andrew E. Gibson replaces John C. Sawhill as head	Nov	6	19	Merichem's Fiber-Film device to remove entrained droplets from two-phase systems	Sept	4	31	FIFO-to-LIFO shift: Du Pont switches to LIFO	Nov	28	9
Sawhill charged in suit by Delta Air Lines with government failure to enforce new aviation fuel guidelines	Aug	7	19	Polyesters see Polyester				FIFO-to-LIFO shift: Koppers switches to LIFO inventory accounting	Nov	27	22
Sawhill makes it clear that energy conservation will play a key role in the Ford Administration's battle against inflation	Oct	9	16	Polypropylene see Polypropylene				FIFO-to-LIFO shift: More modest earnings, more copious cash (chart & table)	Sept	11	17
Zerb, Frank new choice to head FEA, has assurance of better policy coordination	Dec	4	18	Prices	Oct	30	19	— letter	Oct	30	5
Ferrosilicon — Canada: German plant no threat to U.S. producers	July	17	24	Prices: Monsanto's executives at Investment Analysts Society do not foresee severe price cutting in the petrochemicals and fibers industries	Dec	11	14	FIFO-to-LIFO shift: Stepan adopts LIFO; Monsanto considers switch	Aug	21	9
Fertilizer Institute				Synthetic fibers: production cutbacks are spreading	Nov	17	13	Foreign firms boost outlays despite rising pressure on profits (chart & table)	Nov	20	18
Survey shows that only 3.5% of the total U.S. fertilizer supply is consumed for all nonfarm applications, contends President Wheeler	Nov	13	23	Textiles deficit down — Commerce Dept. report	Dec	4	20	Georgia-Pacific's record year	Oct	9	17
Wheeler, Edwin M. No big fertilizer build-up	Sept	11	30	West Germany: Synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	Nov	27	37	German chemical industry '74 sales may exceed expectations	July	10	23
Fertilizers				Wood may give plastics new competition as result of "fiber orientation" process	Aug	7	24	Global business projections: GNP outlook (charts)	July	24	11
Bill to control nonfood use of fertilizer introduced in the Senate	Nov	27	25	Film — Eastman Kodak agrees to sell competitors advance data on new film products settling antitrust suit with Bell & Howell	July	17	24	Grace's Coquillette at Chemical Industry Assn.: growth of the chemical industry and increased capital costs for new plants will smooth out supply-demand cycles and bring greater price stability, cites ethylene as an example	Nov	27	19
Brazilian expansions	Nov	27	37	Filters & Filtration				Grace's Coquillette at Financial Analysts Federation: U.S. firms are brightest lights in glowing chemical future	Oct	16	19
Buildup: Big enough, but no soon enough	Dec	11	29	Merichem's Fiber-Film device to remove entrained droplets from two-phase systems	Sept	4	31	He can't carry the ball alone — Viewpoint	Oct	21	5
Canada dilemma: resources attract, tax bills repel	Aug	14	11	Silver-impregnated filter systems win water purification jobs	Aug	7	37	How much real profit growth? Paul R. Harris	Oct	16	5
Canadian fertilizer embargo suggested in retaliation for the U.S. ban on Canadian meat imports	Dec	4	35	Financial				IMC's Leroy: '74 earnings boost came as surprise, attributable to product demand	Sept	4	13
China's fertilizer imports from Japan: cost will double in next 5 months	Sept	11	45	Abbott's pharmaceutical div. problems "now over" — Henrichs tells security analysts in Chicago	Nov	27	21	Industrial chemicals: producers expecting sales gain of 25% in next six months; higher prices to account for about 50% of gain (charts)	July	24	11
Feast and famine — Viewpoint	Oct	23	5	Alcoa Aluminum sees '75 upturn	Aug	14	43	Inflation: CPI calls inflation No. 1 issue, urges balanced approach (chart)	Oct	2	11
"Fertilizer Financial Facts" — TFI report	Dec	4	13	Allied's Sykes at Philadelphia financial analysts: Business remains "very good"	Oct	9	15	Inflation: Dow's Gershtacker calls for the imposition of government-supervised voluntary wage-price controls as a means of combating inflation	Sept	25	19
F's President Wheeler contends that recent survey shows only 3.5% of the total U.S. fertilizer supply is consumed for all nonfarm applications	Nov	13	23	Arco puts 41 billion on line for chemicals	Oct	23	63	Inflation: FEA's Sawhill makes it clear that energy conservation will play a key role in Ford Administration's battle against inflation	Oct	9	16
Heat's on fertilizers — letter	Sept	4	5	Ashland Oil's Atkins reports to N.Y. analysts	Nov	13	18	Inflation: Nixon Administration will attack double-digit inflation	Aug	7	13
Hybrid wheat: Big new outlet for fertilizers?	Aug	28	11	Bayer's growth plan: more production abroad, new product mix	Oct	2	21	Inflation: President Ford unveils economic plan; intentions praised, effectiveness questioned	Oct	16	18
India facing shortage of fertilizer for winter wheat	July	3	22	Bayer's sales and earnings in second quarter '74	Sept	4	27	Inflation: President Ford will push economic restraint to curb inflation	Aug	21	12
Industry gets distress call in global hunger crisis	Oct	23	21	Borg-Warner's Farmer at N.Y. security analysts reports sales for '74 are setting a new record	Nov	27	20	Inflation: "Summit" group looks at impact of concentration on inflation (table)	Sept	4	11
Interagency Task Force on Fertilizer extended	July	17	24	Capital investment abroad: U.S. chemical companies raise their overseas ante (chart & tables)	Aug	21	11	Inflation dialogue on	July	17	24
Interagency Task Force on Fertilizer says fertilizer supplies will be more abundant but may still fall short of farmer demand	July	31	14	Capital investments worldwide — McGraw-Hill's Economic Dept. report; Commerce Dept. report	Dec	11	12	LIFO see FIFO-to-LIFO shift			
Inventories Sept 11-30, N Oct 9-53	Nov	6	25	Capital spending: CPI still among the big spenders — McGraw-Hill's Economics Dept. annual fall survey (charts & table)	Nov	13	13	MCA meeting: "The Chemical Industry and Its Publics — Challenges and Opportunities"	Dec	4	20
Korea: Agnico to build major complex in Yosu, South Korea	July	3	6	Capital spending: Outlays soar, but CPI plant renewal lags — McGraw-Hill survey				Mead's McSwiney reports to N.Y. security analysts	Nov	6	22
Legislation to give fertilizer makers the highest priority for natural gas is in the works	Oct	16	13	"How Modern is American Industry" (chart)	Dec	4	16	Midwest chemical industry survey	Oct	9	16
Occidental Petroleum awarded six Soviet contracts	July	10	14	Capital spending firm — Commerce Dept. data	Sept	11	21	Multinationals: A new ball game for multinationals in the offing — report, Gibson & Price	Dec	18	29
Portuguese makers are gearing up to meet European demand	Oct	16	35	Celanese consents to injunction against selective disclosure of financial information	July	24	9	Multinationals: Senate subcommittee report showing that unduly liberal tax rules help the multinational oil companies reap excessive profits disputed by API and N.Y.'s Chase Manhattan Bank	Dec	11	13
Prices: Farmers are paying 40-150% more this fall	Oct	16	27	Chemelton's Gallagher at N.Y. Soc. of Security Analysts: Boosting profits with pigments and other specialties	July	10	16	Outlook: Four major producers discuss 1975 outlook	Nov	20	23
Prices in United Kingdom	Oct	7	29	CMRA/CDA conferees agree CPI can't repeat overcapacity of the '60s, see stable markets, increased profits ahead	Sept	18	32	Plant sites 1975: Social concerns are complicating the choosing — report, John M. Winton (charts, tables, maps)	Oct	23	33
Production	Oct	9	53	CPI raises its bets on Mideast oil, gas and gold — report, Homer G. Starr (charts)	Sept	18	51	Profits: chemical profits surge in first quarter '74	July	10	15
Shipments — report from FI N July 3-19	Oct	9	53	Chemical Week 300 — report (tables)	Aug	21	26	R&D spending: CPI research spending surges to new high (table)	July	10	25
Shortages forecast at TVA Fertilizer Conference	Aug	7	35	Second-quarter profits run high, but gains are distorted by inflation	Nov	20	36	R&D spending: EEC research projects expenditures	Oct	30	29
U.S. Commerce Dept. predicts 13% chemical sales rise in '75 (chart)	Nov	13	15	Third-quarter paradox: CPI earnings advance while GNP retreats	Nov	20	36	Rockefeller, Nelson may be in line for high-level responsibilities as vice-president	Aug	28	9
Utah joint alunite-alumina-fertilizer plant	Aug	7	17	Congressional economic stimulus likely to come in two forms: indirect aid to the unemployed and tax relief for the lower brackets	Nov	20	35	Royal Dutch/Shell's G.A. Wagner: Profit prospects good	Oct	2	14
World appetite for fertilizer hits new high (chart)	Sept	4	23	Cooperative competition — Viewpoint	Sept	25	5	Rubber futures back	Dec	11	14
World shortages of nitrogen fertilizers predicted	Nov	13	23	Credit: chemical manufacturers are tightening customer credit	July	10	18	Sales and earnings			
Fertilizers see also individual fertilizers				Credit: shortages lead to stricter credit practices	Aug	28	19	2nd-quarter: Many gains, few declines	July	10	15
Ammonia, Nitrogen, Phosphate etc.				Credit: U.C. doubles its bank lines of credit to \$600 million	Sept	4	12	2nd-quarter solid	July	17	21
Fibers				Cyanamid's Silverd: Sees record sales and earnings for the company this year	Dec	11	15	Profits despite problems (table)	July	24	13
Acrylic fiber capacity increase at Dow	July	24	16	Diamond Shamrock's Cash: Profit prospects good	Oct	2	14	For CPI firms, business was never better (tables)	July	31	10
Badische's Williamsburg, Va. plant	Aug	7	35	Dow's capital spending in 1974 and 1975 to be upped	Aug	14	9	2nd-quarter: Upbeat goes on	Aug	7	18
Apparel fiber prices	Aug	7	35	Du Pont's first U.S. public bond offering since 1921	Nov	13	9	3rd-quarter: Another solid quarter	Oct	16	22
Artists' supplies — Chemicals add new luster to paintings, sculptures	Dec	18	42	Du Pont's fiscal sales reporting system revamped	Nov	20	17	Record profit year shaping up (table)	Oct	23	23
Autos: Compact cars will feature luxury fibers, more glass and plastics	Sept	11	33	Du Pont's Shapiro: Looking forward to 'good' year-end tally, similar to '73's	Sept	18	21	CPI companies prosper, though GNP dwindles (tables)	Oct	30	10
Belgium joint venture plant in Limburg	July	24	16	Explode the "excess profits" myth — Viewpoint	July	31	5	More glowing earnings reports (table)	Nov	6	20
Celanese and American Enka production cutbacks because of declining sales	Dec	11	14	FTC request for lines-of-business reports challenged by CPI firms	Aug	28	13	Sales and earnings for individual companies see under company name in Company Index			
Consumer demand for fibers winds down, easing bind on supplies	Aug	21	20	Man-made World capacity will rise 18% by the end of '75 — Textile Economics Bureau report	July	31	12	Saudi Arabia: Chances for a U.S.-Saudi Arabian Industrial Development Council dim; Bechtel designing plan for major industrialization zone	Aug	7	14
European fiber makers facing a glut	Sept	4	27					Shell Oil's Bridges reports to Los Angeles analysts	Nov	13	18
European fiber markets are severely depressed	Nov	27	13					Shortages: Slowdown in U.S. economy is ending an era of chemical shortages (chart)	Nov	6	17
European synthetic fiber makers are worried about inventories in Asian countries	Dec	18	25								
Inventories of man-made fibers rose in July	Sept	11	25								
Japan: rising costs have reduced fiber makers' profits	Nov	13	29								
Japan's overstocked fiber makers seek cartel to cut production	Dec	11	39								
Makers trim output to ride out textile slump	Dec	4	31								
Man-made World capacity will rise 18% by the end of '75 — Textile Economics Bureau report	July	10	18								

Staley financing for expansion, mostly in corn syrups	Nov 13	9	Chemical Weed 300 — report (tables) Aug 21-35	Nov 20	40	Power capacity and reserves (map & table)	Oct 23	52
Stauffer's Morley at Houston Society of Financial Analysts: First half indicates '74 earnings will top last year's by 60%	Sept 25	17	Feast and famine — Viewpoint	Oct 23	5	Processes for recovery of energy by pyrolysis of solid wastes seem about ready to pay off for CPI	Dec 11	53
Texaco's Granville reports to N.Y. analysts	Nov 13	18	FDA to limit lead in evaporated milk, mercury in fish	Dec 18	21	Representatives of chemical companies testify before Congress	Oct 16	19
Texasgulf's Fogarty at N.Y. Society of Security Analysts: "Our goal is to be the No. 1 natural resources company"	July 31	12	Specialty chemical divisions set growth pace for food companies	Oct 9	19	UDMH: threatened shortage in exotic rocket fuel due to OSHA find that nitrosodimethylamine could cause cancer	Nov 20	45
"Triangular investment" entails the use of U.S. technology and Arab capital to develop industrial projects in foreign countries	Dec 4	13	UC plans food casings plant in Oaccola, Ark.	Dec 18	21	Fuel see also specific fuel, Coal; Natural Gas; etc.		
UC's R.J. Hughes at Financial Analysts Federation	Oct 16	19	UN will mobilize fertilizers and pesticides for rapid increase in food crop production	Oct 23	21	Fuel Cells		
U.S. Commerce Dept. predicts 13% chemical sales rise in '75 (chart)	Nov 13	15	United Nations' World Food Conference ends with vague promises of aid for the hungry	Nov 20	24	Batteries: Researchers aim for new high-energy, lightweight batteries	Aug 28	27
Vulcan's Monaghan tells Chicago analysts: Profit prospects good	Oct 2	14	Food Additives			Fuel Cells see also Anodes		
West Germany's "Big Three": slumps in fibers and plastics beginning to cause concern about next year's sales growth	Dec 18	27	FTC launches investigation into the advertising and labeling of powder and pill-form protein supplements	Sept 4	15	Fumigants — Soil fumigants are "remarkably effective" in stopping decay of wood utility poles, studies at Oregon State University suggest	Sept 25	39
Finishes — Production survey released at CSMA meeting	Dec 11	22	National Research Council report calls for addition of 10 vitamins and minerals to foods	July 17	23	G		
Fire Retardants see Flame Retardants			USDA panel calls for restrictions on use of nitrates	July 24	16	Galvin, James J. — Grace's Agricultural Chemicals Group executive: Business pro makes it to top in ag chemicals	Sept 4	40
Fires			USDA recommends that the use of nitrate additives in all meat, except fermented sausages, be discontinued	Sept 18	24	Garden Chemicals — Lawn-garden care and hardware products at National Hardware Show	Sept 4	14
Dow's Plaquemine, La. ethylene plant shut temporarily due to fire caused by electrical power failure	July 31	18	FDA regulations, standards etc. see under specific products			Gas		
Goodyear's Beaumont, Tex., synthetic rubber plant fire and explosion take heavy toll	Dec 11	16	Food Colors — Allied building certified food colors facility in Buffalo, N.Y.	Nov 27	22	Air gases prices	July 31	18
Hercules terephthalates plant in Wilmington, N.C. resumes full production after fire	July 24	23	Formaldehyde			Btu, gas-from-coal: Kellogg unveils fixed-bed process	Aug 7	24
Omega Chemical's Wilmington, Del., fire of Nov '73 sparks damage suit	Dec 11	16	Epirocine's process to make MDA	Oct 9	63	FPC ruling that gas produced from coal can be mixed with natural gas may clear the way for construction of New Mexico plants	July 3	9
Property loss in industrial fires has reached alarming proportions says Factory Mutual System	July 24	28	Elprochem's process to make MDA	Oct 9	63	Industrial gas facilities in Brazil	July 17	35
Universal Cooperative Alliance, O., headquarters and plant fire	July 24	16	Elprochem's process to make MDA	Oct 9	63	Industrial gas prices N Aug 7-35	Aug 21	21
Fires see also Explosions			Elprochem's process to make MDA	Oct 9	63	UC plans air-separation plant near Wilmington, N.C.	Sept 4	9
Fireworks — Consumer Product Safety Comm. proposes a ban on firecrackers; other fireworks are not affected	July 3	17	Elprochem's process to make MDA	Oct 9	63	UC plans expansion of air-separation capacity at Republic Steel's Gadsden, Ala., works	Oct 9	9
Fish			Elprochem's process to make MDA	Oct 9	63	Gas see also Natural Gas and specific gas		
FDA to limit lead in evaporated milk, mercury in fish	Dec 18	21	Elprochem's process to make MDA	Oct 9	63	Gasification		
Use of nitrates in processing fish may be curbed by FDA	Nov 6	14	Elprochem's process to make MDA	Oct 9	63	Btu, gas-from-coal: Kellogg unveils fixed-bed process	Aug 7	24
Flame Retardants			Elprochem's process to make MDA	Oct 9	63	Combustion Engineering has contract with OCR for coal gasification process unit in Windsor, Conn.	Dec 11	15
CMCS' annual meeting at Ottawa: Specialties makers are briefed on proposed legislation, flame retardancy regulations and aerosols	Oct 30	16	Elprochem's process to make MDA	Oct 9	63	Exxon will defer construction of coal-gasification pilot plant in Baytown, Tex.	Dec 4	39
Flammability standards: Opposition to extension of nonflammability standards to all clothing	Sept 4	10	Elprochem's process to make MDA	Oct 9	63	FPC ruling that gas produced from coal can be mixed with natural gas may clear the way for construction of New Mexico plants	July 3	9
Guilford Mills develops new way to add flame-retardants to polyester warp-knit fabrics	July 17	29	Elprochem's process to make MDA	Oct 9	63	Lurgi (Frankfurt) proves out methanation step for fixed-bed process	Aug 7	24
Market demand boosts bromine sales	Nov 27	26	Elprochem's process to make MDA	Oct 9	63	South Africa may get another oil-from-coal plant	Dec 11	58
Plastics makers agree to limit nonflammability claims in ads	Aug 7	17	Elprochem's process to make MDA	Oct 9	63	Gasoline		
Flavors — Essential oils meeting zeroes in on raw materials, regulations	Sept 18	49	Elprochem's process to make MDA	Oct 9	63	California considering a plan to stretch gasoline supplies by encouraging the use of a blend with up to 30% methanol as fuel for autos	Dec 11	13
Flocculants — Japan: Flocculants one of the fastest-growing chemical products	Sept 11	34	Elprochem's process to make MDA	Oct 9	63	Ethyl's MMT antiknock compounds to boost octane in unleaded gasoline	Nov 6	35
Flooring — Synthetic surfaces: 3M will no longer bid on new installations for its Tartan Turf; Monsanto's Astro Turf installations increase	Oct 16	13	Elprochem's process to make MDA	Oct 9	63	Ethyl's MMT antiknock compounds to boost octane in unleaded gasoline	Nov 6	35
Florida State University — Sulfuric acid mist formation by auto using catalyst control systems in Los Angeles area will be investigated	Oct 2	31	Elprochem's process to make MDA	Oct 9	63	Lead-in-gas: Ethyl argues that EPA hasn't demonstrated health dangers	Sept 18	63
Fluorides			Elprochem's process to make MDA	Oct 9	63	Morton showing interest in electrolytic energy conservation as a way to cut U.S. reliance on foreign oil imports	Nov 20	23
Akzo seeks permission from Dutch authorities to sell treated salt following ruling that eliminates water fluoridation	Nov 20	59	Elprochem's process to make MDA	Oct 9	63	Shell, Iran negotiating a deal that would include construction of a refinery in Iran and possible Iranian participation in some Shell marketing operations	Dec 4	20
Gels, baking soda seek share of dentifrice market	Sept 4	18	Elprochem's process to make MDA	Oct 9	63	Generators — MHD efficiency is climbing	Oct 9	64
Fluorocarbons			Elprochem's process to make MDA	Oct 9	63	Geothermal		
Aerosol spray propellants: NRDC requests ban on use	Nov 27	22	Elprochem's process to make MDA	Oct 9	63	AMAX Exploration reaches agreement on geothermal development	Aug 28	16
Propellants in aerosol products: Legislation aimed at banning use being drafted by Raps, Rogers and Esch	Dec 11	27	Elprochem's process to make MDA	Oct 9	63	Dow would explore and develop geothermal properties held under lease by Magma	Mar 6	15
Researchers study possible ozone destruction by fluorocarbons from aerosol propellants that rise into the stratosphere	Nov 20	68	Elprochem's process to make MDA	Oct 9	63	USGS survey shows several Western states contain substantial geothermal steam reserves	Oct 9	10
Foam			Elprochem's process to make MDA	Oct 9	63	Germany		
Artist's supplies — Chemicals add new luster to paintings, sculptures	Dec 18	42	Elprochem's process to make MDA	Oct 9	63	Bayer's Brunsuettel complex: court overrules objections by nearby residents to proposals for waste and cooling water disposal	Sept 11	45
Flammability consent: plastic makers agree to limit nonflammability claims in ads	Aug 7	17	Elprochem's process to make MDA	Oct 9	63	Bayer's growth plan: more production abroad, new product mix	Oct 2	21
Olin and Asahi Glass joint venture to build urethane polyol plant in Japan	Nov 27	37	Elprochem's process to make MDA	Oct 9	63	"Big Three": slumps in fibers and plastics beginning to cause concern about next year's sales growth	Dec 18	27
Process for laminating panels with frothing isocyanurate foams, called Rubifroth	Nov 20	64	Elprochem's process to make MDA	Oct 9	63	Chemical industry '74 sales may exceed expectations	July 10	23
Urethane: European Foam stock process to make flat urethane slab process is drawing U.S. interest	Sept 4	31	Elprochem's process to make MDA	Oct 9	63	Dow gets go-ahead for Stade expansion	July 31	21
Food			Elprochem's process to make MDA	Oct 9	63	Essochem Europe expanding ethylene capability at Cologne, W. Germany	Sept 25	31
Breakfast cereals: consumer group urges limit on sugar content	Aug 14	15	Elprochem's process to make MDA	Oct 9	63	Hentel & Cie. developing plastic containing heavy concentrations of carboxyl groups that would attract dirt	Oct 23	61
			Elprochem's process to make MDA	Oct 9	63	Hoffmann-La Roche ordered to cut prices of its tranquilizers, Valium and Librium	Nov 6	42

NL Industries adding titanium dioxide capacity at Nordenham, West Germany, plant	N	Aug	14	23
West German energy investments could total \$125 billion in the next 10 years	N	Dec	11	41
West German synthetic fiber industry abbreviating workweeks	N	Oct	23	55
West German synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	N	Nov	27	37
Germicides — FDA monograph on topical antimicrobial agents proposing strict limitations of those chemicals in proprietary medical and cosmetic items	N	Aug	14	15
Girard, Theodore A. — Michigan Chemical's v-p of R&D: He's rebuilt planes, autos and his firm	R	Sept	25	47
Glass				
Auto sales slowdown is squeezing industry's chemical suppliers	N	Nov	13	16
Autos: Compact cars will feature luxury fibers, more glass and plastics	R	Sept	11	33
Chemical Week 300 — report (tables)	N	Nov	20	38
Aug 21-31	R	Sept	4	14
PPG shuts down Henryetta, Okla., plant	R	Sept	4	14
Glass Fibers				
Ferro's Fiber Glass Div. will convert its marble-melt-process plant in Nashville, Tenn., to electric melt	R	Oct	23	28
Makers are trimming output	R	Dec	18	35
Monomer grafting will prove a cheaper route to permanently dyeable glass fiber	N	July	7	29
Multi-ring "superflywheels" for storing energy during off-hours	N	Sept	25	39
Owens-Corning Fiberglass and PPG Industries plan expansions	N	July	3	6
Glucose				
Hydrolyzing waste newspaper into glucose	N	July	31	33
Xylooses and glucose recovered from wood at Swiss pilot plant	N	Oct	2	31
Gold				
CPI raises its bets on Mideast oil, gas and gold — report: Homer G. Starr (charts)	R	Sept	18	51
Private possession becomes legal Dec. 31: fabricators gearing up for a market demand	R	Dec	11	14
Grafting — Monomer grafting will prove a cheaper route to nonflammable cotton, tarnishproof silver and permanently dyeable glass fiber	N	July	17	29
Grain Preservatives — Stored grain preservatives getting plugs	N	July	17	39
Graphite				
Airco slates capacity expansion	N	Aug	21	9
UC plans graphite electrode unit	R	Aug	21	15
Great Britain				
Chemical sales	N	Aug	21	23
Exports up	N	Oct	2	25
Fertilizer prices	N	Aug	7	29
ICI will test market synthetic tobacco cigarettes containing NSM	N	Aug	14	51
Methyl ethyl ketone plant in Fawley	R	Dec	11	39
Methyl methacrylate monomer expansion at Rohm & Haas' Seal Sands plant	R	Sept	18	47
Monsanto plans major expansion at Seal Sands plant in Teesside	N	Sept	18	31
Monsanto's new plants, owned jointly with Montell, to make adiponitrile and hexamethylenediamine for nylon-6/6	N	Sept	18	31
National Steel Board, British Steel and Conoco considering joint-venture ethylene in Teesside	N	Nov	6	42
Nationalization: ICI steps up its fight against nationalization	N	Aug	21	23
Nationalization haunts chemical industry	N	Aug	7	29
Refinery capacity shutdown threatened as workers at Shell's Stanlow plant turn down pay increase proposal	N	July	17	33
Gum				
Gum arabic from Sudan: oligopolistic pricing	N	Sept	25	23
Stauffer would acquire Marine Colloids	N	Dec	11	15
Guyana				
Bauxite mining countries pressure aluminum makers: Guyana sets tax	N	Oct	9	15
International Bauxite Assn. meeting in Georgetown to discuss pricing strategy	N	Nov	6	22
Japanese interest in Venalum aluminum smelter reduced	N	Aug	14	51
Nationalization of Reynolds Metals' bauxite operations announced	N	July	24	15
Reynolds' bauxite operations face uncertain future as tax issue persists	N	Oct	16	20
Gypsum — Chemical Week 300 — report (tables) Aug 21-31	N	Nov	20	41
Health				
Anesthetics may pose health hazards for hospital surgical teams	N	Oct	23	26
Asbestos: Labor leaders will press for tougher asbestos exposure standards	N	Oct	2	14
Cancer (PVC-VCM) probe see Safety	N	Dec	18	21
FDA to limit lead in evaporated milk, mercury in fish	N	Dec	18	21
Lead poisoning probe at Bunker Hill's smelter in Kellogg, Ida.	N	Oct	9	16
Job-safety legislation see Law	N	Oct	23	55
PVC: Health issue puts a crimp in Norway's petrochemical expansion	N	Oct	23	55
Rohm & Haas: Nader's Health Research Group charges that at least 15 employees died from lung cancer in the last 12 years as result of exposure to BCME	N	Oct	9	19
Lung cancer victims' families to get compensation benefits	N	Oct	23	26
Stanford Research Institute establishes a Center for Occupational and Environmental Safety and Health to conduct studies of the effects of hazardous substances on workers handling the materials and on the general public	N	Nov	13	18
Heaters — Japanese preheater cuts energy requirements for cement production	N	Sept	4	31
Heavy Water				
Canadian ammonia plants may provide a source of deuterium by '78	N	July	3	27
Deuterium Corp. wins \$1,495,000 judgement in patent battle with AEC over use of dual-temperature isotope-concentration system	N	July	17	29
Helium — Northern Helix entitled to \$78 million damages because the U.S. government breached a helium-purchase contract	N	Dec	11	32
Herbicides				
Monsanto plans Roundup herbicide unit at Luling, La.	R	Oct	30	14
2,4,5-T: EPA drops effort to limit use, cites lack of evidence	N	July	3	10
EPA drops further restrictions; action criticized	N	July	10	13
EPA toxicologist recommends ban on use	N	Aug	21	15
2,4,5-T: Sen. Nelson urges funds sought for spraying be deleted from U.S. Forest Service budget	N	July	31	14
Hexamethylenediamine — Monsanto-Montell, U.K., joint plants to make adiponitrile and hexamethylenediamine for nylon-6/6	N	Sept	18	31
Hinkley, Donald — Emery Industries' president and chief executive: He says people work best when having fun	N	July	3	28
Honduras — CPI helping hurricane-stricken zone	N	Oct	9	16
Hungary				
Oil and gas: spending \$1 billion to improve supplies	N	Nov	20	57
U.S. pesticide sales to Hungary expected to increase	N	Nov	20	57
Hydrocarbons				
Dow plans a Gulf Coast hydrocarbon feedstock and energy refinery	N	Sept	25	17
Goodrich's fluid-bed catalytic oxidation unit at Calvert City, Ky. plant destroys waste hydrocarbons, saves energy and recovers chlorine	N	Nov	6	31
Ship, "Vulcanus", equipped to incinerate chlorinated hydrocarbon wastes in the Gulf of Mexico	N	Oct	23	24
Synthetic polyterpene resins from Neville Chemical	N	Aug	21	39
Hydroelectric Power — Japan's Light Smelters Assn. will build an aluminum smelter and hydroelectric development project joint venture in Brazil	N	Oct	2	25
Hydrofluoric Acid — Du Pont's plant in Mexico	N	Dec	4	36
Hydrogels — Biomaterials meeting hears how hydrogels, porous titanium and plastics improve success rate of restorative surgery	N	Nov	27	41
Hydrogen Cyanide — Indian plant planned	R	July	17	35
Hydrogen Peroxide — Du Pont plans expansion at Memphis, Tenn.	R	Oct	23	28
Hydroquinone				
Arkansas Eastman's organic intermediates and hydroquinone plant in Batesville, Ark.	N	Sept	11	15
Japanese may commercialize new process for making hydroquinone	N	Nov	13	39
Upjohn's synthesis based on phenol and acetone is said to cut costs, reduce plant effluents, by-produce bisphenol A	N	Dec	11	51
Imports				
ASP see Tariffs	N	Oct	9	57
Arab-U.S. trade relations: improvement being actively sought	N	Oct	9	57
Balance of trade	N	July	3	10
Bad month, good year (chart)	N	July	3	10
India				
Ammonia-urea plant in Baroda planned	R	Aug	14	47
Ammonia and urea plant at Kalo	R	Dec	18	27
Calcium carbonate plant at Tarapur	R	Aug	14	47
Feast and famine — Viewpoint	N	Oct	23	5
Fertilizer shortage for winter wheat	N	July	3	22
Gujarat Tyres Ltd. plant tire plant	R	July	17	35
Methyl methacrylate and hydrogen cyanide plant planned	R	July	17	35
Indonesia — Pertamina will ship about 10% more oil to the U.S.	N	Nov	13	29
Incineration				
Shell will test incineration at sea to dispose of Deer Park, Tex., plant's chlorinated hydrocarbon wastes	N	Oct	9	63
Ship, "Vulcanus", equipped to incinerate chlorinated hydrocarbon wastes in the Gulf of Mexico	N	Oct	23	24
India				
Ammonia-urea plant in Baroda planned	R	Aug	14	47
Ammonia and urea plant at Kalo	R	Dec	18	27
Calcium carbonate plant at Tarapur	R	Aug	14	47
Feast and famine — Viewpoint	N	Oct	23	5
Fertilizer shortage for winter wheat	N	July	3	22
Gujarat Tyres Ltd. plant tire plant	R	July	17	35
Methyl methacrylate and hydrogen cyanide plant planned	R	July	17	35
Indonesia — Pertamina will ship about 10% more oil to the U.S.	N	Nov	13	29
Industry Developments				
Acquisitions and mergers: for newsletter and roundup items see under individual company names in Company Index				
Amoco trying to sell consumer products part of its Packaging and Consumer Products Div.	N	July	24	23
Clorox's 10-year R&D agreement with Henkel GmbH	N	Sept	11	21
Iran-Krupp agreement: Iran may buy up U.S. chemical engineering and equipment firms	N	July	31	21
Will Iran-Krupp deal be model for Mideast's CPI investments?	N	Aug	7	33
Israel: David seeks 'Goliath' status: chemical industry maps program to cash in on nation's resources, boost sales to \$1 billion by '78 (map & table)	N	Sept	11	46
Mergers drop — W.T. Grimm report	N	July	17	21
Third-quarter report	N	Oct	16	22
Mergers and acquisitions: for newsletter and roundup items see under individual company names in Company Index				
Mergers and acquisitions				
ABM Corp.'s tender offer for Bio-Dynamics shares	N	Dec	4	19
Airco: British Oxygen's 35% stake in Airco is anticompetitive, FTC judge rules	N	Nov	6	19
Chicago, Rock Island & Pacific RR merger into Union Pacific faces long haul	N	Nov	20	22
ESB acquisition: United Aircraft and Inco locked in bidding duel; Justice Dept. investigates	N	July	31	12
General Crude Oil's merger proposals: international Paper deal off	N	July	17	21
Dow makes tender offer	N	Aug	21	13
IP tries, tries again	N	Aug	28	13
Dow out, IP in?	N	Sept	11	19
Lawsuit continues to snarl IP's plans to acquire GCO	N	Sept	18	24
Dow drops out of bidding; IP plans to consummate acquisition	N	Oct	16	13
IP moves a step closer	N	Nov	13	16
Glenmede Trust will be allowed to sell GCO stock to International Paper	N	Dec	4	19
Grace plans acquisition of Transcontinental Oil	N	Sept	25	17
Grace to purchase 70% of the shares of Polubius (Denver), an oil and gas producer and explorer	N	Nov	27	22
IMC and Commercial Solvents merger may be approaching	N	July	10	14

International Paper acquires timberlands from Cabe Land and lumber mill from Gurdon Lumber	Sept 18	24	Solid-state detectors pinpoint concentration of wide range of elements in samples faster than conventional X-ray methods	Dec 4	43
Timberlands in Mobile County, Ala. from U.S. Steel	Sept 25	18	Insulation		
Timberlands from Arkia Chemical	Nov 27	22	Asbestos precedent set in Supreme Court decision on Borel case	Oct 30	13
Mobil Oil continues plans for Marcor merger despite Justice Dept. probe	Aug 14	15	Makers push energy-saving campaign to gain new markets	Oct 9	55
Antitrust questions mount	Aug 21	13	Intermediates		
Takeover of Marcor will probably be challenged by antitrusters	Sept 4	10	Arkansas Eastman's organic intermediates and hydroquinone plant in Batesville, Ark.	Sept 11	15
Motorola to acquire Philip A. Hunt Chemical	Nov 6	20	Baychem's Chemagro Div. plans intermediate chemicals plant	July 24	16
Nalco Chemical-Lawlor Chemicals merger fails through	Aug 7	19	Celanese expansion at Bishop, Tex.	Oct 16	13
Newmont Mining makes tender offer for Foote Mineral stock	Aug 28	14	Lanza's gamma-chloroacetate derivatives looking for work	July 3	27
Standard Oil (Indiana)'s acquisition of Oxy. Hammer opposes takeover plan, citing a probability of antitrust violation	Nov 27	18	International Bauxite Assn. — Meeting in Georgetown, Guyana Nov 6-22	Nov 20	22
Oxy sues to block bid	Dec 11	12	International Congress of Essential Oils (Sixth) in San Francisco	Sept 18	49
Stauffer would acquire Manne Colloids	Dec 11	15	International Nonwovens & Disposables Assn. — Third conference and exposition: "A Focus on the Future" is theme	Nov 6	27
Sterling Drug intends to merge Bio-Dynamics	Dec 4	19	Inventories		
Warner-Lambert's acquisition of Parke, Davis & Co. not a drug monopoly rules FTC judge	Aug 21	13	European chemical markets are running out of steam for the short term	Oct 23	67
Midwest chemical industry survey	Oct 9	16	Fertilizer inventories were at extremely low levels; production and shipments up	Oct 9	53
NL Industries' Industrial Chemicals Div. breaks ground for headquarters building in Hightstown, N.J.; to relocate corporate headquarters	Dec 11	16	Inventories showing slight improvement	Nov 6	25
Ink — Chemical Week 300 — report (tables) Aug 21-28	Nov 20	42	FIFO-to-LIFO shift see Financial	Sept 11	25
Insecticides			Man-made fibers inventory slowing business and rising inventories	Oct 9	53
DDT see DDT			Producers inventories were cut in October	Nov 6	25
Fluorescent dyes to control fire ants	Sept 18	59	Inventors — Zola, John C. Multicolor paint is ready to enter new markets	Oct 9	45
Herculeite Protective Fabrics to evaluate insecticidal tape to kill roaches	July 3	27	Track star thrives as a loner	Oct 9	72
Moth pheromone	Sept 18	59	Ion Exchange — Reverse osmosis, ion exchange recover metal-plating chemicals; tests at API and Kodak	Sept 25	41
"Overcrowding factors" for insect control	Sept 18	59	Iran		
Pesticides			Dow-Iranian joint venture to make petrochemicals and plastics	Aug 14	9
Aldrin and dieldrin: Ban in effect	Oct 9	14	Dow's Mideast plans will include ethylene	Sept 18	17
Aldrin and dieldrin: Shell contest EPA order for discontinuance of manufacture	Aug 14	13	Iran-Krupp agreement: Iran may buy U.S. chemical engineering and equipment firms	July 31	21
Argentina and Bolivia will build pesticides plant in La Paz	Sept 25	13	Will Iran-Krupp deal be model for Mideast's CPI investments?	Aug 7	33
Chlordane and heptachlor: EPA expected to issue a cancellation notice	Nov 6	14	Italy's Snam negotiating to import natural gas	Aug 14	45
Ban of most uses proposed	Nov 27	25	Mideast petrochemicals — report, John M. Winton (tables)	July 24	36
Dispalure, sexual attractant, helps sidetrack the gypsy moth in the Northeast	Oct 23	28	Shell negotiating a deal that would include construction of a refinery in Iran and possible Iranian participation in some Shell marketing operations	Dec 4	20
Dow plans plant to formulate 1,2-dibromo-3-chloropropane pesticides in Magnolia, Ark.	Oct 9	9	UC and National Petrochemical of Iran study feasibility of several joint ventures	Aug 28	14
Dow's pesticide, fosphate, will be used in flea collars	Aug 7	24	U.S. signs pact to sell enriched uranium for reactors to Iran	July 10	14
EPA will formalize procedures for handling civil suits against pesticide law violators	July 31	16	Iraq		
Evidence that sex lures for pest control may not always work	Dec 11	57	Mideast petrochemicals — report, John M. Winton (tables)	July 24	36
Israeli complex in Beersheva	July 17	35	LDPE: French interests may build plant	Sept 18	37
Mirex: EPA renews permission to use	Aug 7	14	Ireland — Alumina refinery near Limerick	Oct 9	15
Mosquito invasion hikes pesticide demand in the South	July 31	14	Iron — Brazilian iron ore pellet plant to get foreign investments	Aug 21	23
Roach killer is Health-Chem's first controlled-release pesticide	Aug 21	43	Iron Oxide — Pfizer will build yellow iron oxide plant in Sayreville, N.J.	Aug 7	13
Rocky Mountain spotted fever incidences causes widespread spraying of diazinon	July 17	23	Isobutane — Leaking isobutane suspected as cause of Decatur, Ill. rail yard explosion	July 31	15
Rocky Mountain states use insecticides to control flea population	July 21	14	Isocyanurates — Process for laminating panels with isocyanurate foams called Rulifroth	Nov 20	64
Sevin-4 oil and Dylox used against tussock moths	July 24	14	Isophthalic Acid — Amoco will double capacity at Joliet, Ill. plant	Nov 13	9
UN will mobilize fertilizers and pesticides for rapid increase in food crop production	Oct 23	21	Israel		
U.S. sales to Hungary expected to increase	Nov 20	57	"David" seeks "Goliath" status: chemical industry maps program to cash in on nation's resources, boost sales to \$1 billion by '78 (map & table)	Sept 11	46
Van Brode Milling agrees to pay fine for shipping an allegedly unregistered and misbranded pesticide	July 31	15	Pesticides complex in Beersheva	July 17	35
Pfizer's Terramycin (oxytetracycline) to treat Florida's coconut palm trees	July 10	14	Phosphate rock production expansion	Aug 21	23
UC will raise Sevin capacity at Institute, W. Va. plant	July 31	9	Italy		
Veiscol shipping Phosvel to Egypt to aid in control of cotton boll weevil	July 24	23	Cancer PVC-VCM probe		
Institute of Oncology (Bologna, Italy)			Institute of Oncology in Bologna: How they found vinyl-cancer link July 17-30	July 17	56
Cancer link: How they found vinyl-cancer link	July 17	30	Chemicals and cancer: spotting the link before it's too late	Oct 2	29
Chemicals and cancer: Spotting the link before it's too late	Oct 2	29	CPI continues to prosper despite country's economic woes	Aug 7	31
Maltoni, Cesare: Cancer sleuth longs for simple life	July 17	56	Esso Italiana and Esso Chimica will build aliphatic solvents plant at Treviso	Sept 25	31
Instrument Society of America's 74th conference and exhibit: Energy conservation dominates chemical discussions	Nov 6	33	Fiber output down	Nov 27	13
Instruments			Maltoni, Cesare: Cancer sleuth longs for simple life	July 17	56
Beckman Instruments' new instrument line designed specifically for chemical plants and refineries	Aug 21	39	Natural gas supply to get boost from new pipelines	Aug 14	45
Gas detection systems	Dec 18	40	Russian scientific and technical research agreement	July 17	35
ISA's '74 conference and exhibit: Energy conservation dominates chemical discussions	Nov 6	33	Scory: Esso Italiana's tube oil unit near the Rasom refinery	Sept 25	31
Potentiometric recorders, indicators and controllers called Multi-Scan	Dec 18	40			
			Jamaica		
			Bauxite bargaining with U.S. firms	Oct 9	15
			Kaiser and the government reach tentative bauxite agreement	Nov 27	19
			Japan		
			Acetic acid plant of Nippon Synthetic to use Monsanto technology	July 24	16
			Aluminum ingot demand	Dec 11	39
			Aromatics prices	July 3	22
			Caustic soda demand estimates revised downward	Sept 25	31
			Chemical executives optimistic despite election setbacks	July 17	33
			CPI gears up for yen invasion of Europe	Sept 18	45
			China's fertilizer imports from Japan: cost will double in the next 5 months	Sept 11	45
			Chisso Corp. and Chiba prefecture government will share cost of building houses for people who live near the PE plant at Gor that was damaged by an explosion and fire	Dec 18	25
			Detergent alcohol plant started up	Nov 13	23
			Dow's chlor-alkali plant faces opposition	Sept 18	37
			Dry: ICI and Sumitomo joint venture	Dec 11	39
			Drugs: process to remove 95% of nitrogen oxides from stack gas	July 24	28
			Ethylene expansion plans are up in the air	July 10	23
			New round begins	Aug 28	25
			Ethylene plant construction plans postponed	Oct 9	57
			Fertilizer makers to supply urea to Sri Lanka, Bangladesh and Nepal	Dec 11	39
			Fiber executives are trimming their own pay as an example to their employees	Nov 13	29
			Fiber production: Japan's overstocked fiber makers seek cartel to cut production	Dec 11	39
			Fibers: rising costs have reduced fiber makers' profits	Nov 13	29
			Flocculants one of the fastest-growth chemical products	Sept 11	34
			Hydroquinone: new process for making hydroquinone may be commercialized	Nov 13	39
			Naphtha: cartel to allocate naphtha imports considered	July 10	23
			Paraffins capacity expansion	July 17	35
			Powder coatings plant planned	Dec 18	27
			Synthetic rubber plant at Chiba will resume operations	Dec 11	39
			Technology is available in "New from Japan" a biweekly report series from GE	Sept 18	63
			Teijin Chemicals' expanding polycarbonate capacity	July 17	35
			Urethane polyol: Olin and Asahi Glass joint venture in Japan	Nov 27	37
			Japan Chemical Fibers Assn. — Japan's overstocked fiber makers seek cartel to cut production	Dec 11	39
			Japan Spinners Assn. — Japan's overstocked fiber makers seek cartel to cut production	Dec 11	39
			K		
			Kelp — Marine energy farm will be developed off the California coast	July 31	32
			Kopold, S.L. Jr. — Humko Sheffield Chemical's president: He can sell chemicals and candidates	Aug 28	32
			Korea — Agrico Chemical negotiating to build fertilizer complex	July 3	6
			Kuwait — Mideast petrochemicals — report, John M. Winton (tables)	July 24	36
			L		
			Labeling — Pressure-sensitive adhesives: Auto trimmings add drive to tape and label market — report, Patricia L. Layman	Oct 16	29
			Labeling, detergents see Detergents		
			Labeling, drugs see Drugs		
			Labeling, law see Law		
			Labor		
			Accident-prone employees discussed at MCA safety seminar	Sept 18	21
			Anaconda reaches tentative agreement with eight unions on new labor contracts	July 3	9
			Arsenic: OSHA studies possible link between arsenic processing and cancer	Sept 4	31
			Inorganic arsenic compounds may be carcinogenic studies indicate	Sept 11	20
			NIOSH recommends that a no-detectable limit be set for inorganic arsenic use in the workplace	Nov 27	22
			Asbestos: Leaders will press for tougher asbestos exposure standards	Oct 2	15
			Boise Southern's supervisory personnel reopen pulp and paper mill	Oct 30	14
			Cancer probe (PVC-VCM)		
			We're in this together — Viewpoint	July 3	5
			What's ahead for vinyl makers: slowdown or end of the road? (chart)	July 3	7
			Goodrich plans PVC plant in Louisville, Ky. despite VCM controversy	July 17	20
			Lab — tackle threat	July 17	30
			VCM-cancer link prompts search for packaging substitutes	July 31	19

Bendix's Launch Support Div. will undertake survey of VCM exposure	July	31	32	Unions: For '75 bargaining, CPI unions are thinking big (charts)	Nov	27	17	Railroads keep rolling despite panel ruling that parts of reorganization act are unconstitutional	July	3	14
Tough week for vinyl: Senate hearings; ban on household sprays containing VC; FDA prepares regulation; Ohio meat wrappers bring suit against Goodyear T&R and Borden	Aug	28	14	Unions, United Rubber Workers, the Textile Workers of America and the Oil, Chemical and Atomic Workers, probe merger	Aug	21	14	Reserve Mining case see Waste Disposal			
OSHA-sponsored economic impact report on VC standard spurs controversy	Sept	18	22	West German synthetic fiber industry's abbreviated workweeks are becoming the rule	Oct	23	55	Safe Drinking Water Act of 1974: furor of carcinogens in drinking water providing the impetus for federal standards	Nov	27	46
How new technology can solve emission problems at vinyl plants	Sept	18	66	Larsen, Elmer C. — PPG's Coatings & Resins Div.'s v-p and general manager: He's giving the paint business added luster	Dec	4	52	First national safety standards likely to become law	Nov	11	27
— letter	Oct	2	5	Lasers — Exxon-Avco laser enrichment process for uranium	Aug	14	66	Silicon tetrachloride storage tank leak: Chicago residents file suit against Bulk Terminals	July	3	13
VCM exposure: What standards can industry really live with? (table)	Sept	25	15	Law				Sold-waste disposal bills could have far-reaching effects on packaging	July	31	13
Chemicals and cancer: spotting the link before it's too late	Oct	2	29	API protests legislation requiring that 30% of all waterborne U.S. petroleum imports be carried in domestic bottoms	Sept	11	15	Solvents: Columbus Coated Fabrics and six other defendants are the targets of damage suit filed by 56 employees who claim they suffered peripheral neuropathy as result of exposure to solvents	Sept	25	19
OSHA's rules spur suits	Oct	9	14	Antitrust see Antitrust				Strip-mine regulation bill amendment passed	Aug	7	17
Most of the time, "it" can be done — Viewpoint	Nov	27	5	Asbestos precedent set in Supreme Court decision on Borel case	Oct	30	13	Tanker operators may have to pay a bigger share of damages resulting from accidents at sea	Nov	27	14
Corning Glass found guilty of discrimination will pay back wages to male as well as female day-shift inspectors	Aug	14	16	British Oxygen's 35% stake in Airco is anti-competitive, FTC judge rules	Nov	6	19	Tetracycline price fixing case: court clears drug firms	July	3	12
Dow's Midland, Mich., settlement could set pay pattern for 1974 CPI contracts July 24-26	Sept	18	21	Cabinet-level department of energy and natural resources action delayed	July	17	29	Texaco sued by Justice Dept. to make the company comply with the mandatory oil trade bill see Tariffs	Nov	27	14
Great Britain's refinery capacity shutdown threatened as workers at Shell's Stanlow plant turn down pay increase proposal	July	17	33	Canada dilemma: resources attract, tax bills repel	Aug	14	11	Trans-Alaska Pipeline bill constitutionality upheld by Supreme Court	Oct	23	24
ICOW sees cost-of-living gains at PPG as pattern for future	Aug	7	21	Cancer				Vitamins: Bill to prevent FDA curb on vitamins draws support, criticism	Sept	4	15
ICOW wants ante upped	Sept	18	21	CW's Energy Impact Series	Aug	14	53	Washington Research Group's suit against NIH federal appeals court decision opens up grant and contract applications to public scrutiny	Nov	6	14
IFCOW drives for improved job safety	Nov	6	18	Energy policy: off in all directions, Irvin Schwartz (charts & table)	July	3	9	Waste disposal legislation: controls on non-returnable bottles have a slim chance of passing Congress this year	Aug	14	10
Lafayette see Employment				Chlorine "priority" for water, sewage treatment units asked by EPA	Oct	23	24	West German synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	Nov	27	37
Miners' demands surface	Sept	11	19	Clean-air case: powers of states and the EPA to ease clean-air standards in special cases will be defined by the Supreme Court	Nov	27	14	Lead			
Negotiations: Next year shapes up as a light one	Dec	4	14	Congress not likely to act on trade and taxes in the lame-duck session before Christmas adjournment	Sept	4	13	Bunker Hill's smelter in Kellogg, Ida., lead poisoning probed	Oct	9	16
NIOSH screening industries for the presence of bis-chloromethyl ether	Sept	4	10	Contact lenses: Bausch & Lomb and three complaintiffs charge Automated Optics with infringement of patents involving contact lenses	Aug	14	16	Lead-in-gasoline controversy see Gasoline			
NCAW's Grospring warns of long strike if companies fail to meet wage demands	Nov	20	21	Corning Glass found guilty of discrimination will pay back wages to male as well as female day-shift inspectors	Oct	16	14	Lead-in-paint: A decision on whether to lower the limit on lead put off "indefinitely" by Product Safety Commission	Dec	11	27
OSHA				Deep-water port legislation	Aug	7	19	Lead-in-paint: Legal limit probably will remain at 0.5%	Dec	4	14
Barrage of new workplace exposure standards for chemicals is being prepared	Nov	27	14	Delta Air Lines files suits against Exxon and FEA's Sawhill charging government failure to enforce new aviation fuel guidelines	Aug	7	19	Lead alkyl — Prices N July 3-19	Aug	28	19
Look for a voluntary self-inspection plan for compliance with safety laws	Nov	20	35	Detergents see Detergents	July	17	29	N July 10-18			
OSHA and EPA agree to propose new maximum workplace noise exposure level	July	31	13	Deuteron Corp. wins \$1,495,000 judgement in patent battle with AEC over use of dual-temperature isotope-concentration system	Sept	25	18	Leasing			
OSHA and EPA are charged as being ill-equipped to do their jobs	Sept	25	19	DES damage suit filed against 30 firms by 16 Detroit-area residents	July	24	9	Offshore oil and gas tracts leasing: chemical companies take a cautious attitude on the Interior's controversial plan	Oct	16	22
OSHA under fire on three fronts	July	31	16	Du Pont charges Black & Decker Ltd. with patent infringement in use of Teflon-like material	Sept	18	22	Offshore oil tracts in the Gulf of Alaska will be leased	July	31	16
Standards under fire	Oct	30	14	Eastman Kodak agrees to sell competitors advance data on new film products settling antitrust suit with Bell & Howell	Sept	25	18	Leather — 3M gives footwear materials, Flex-Stride, a major promotional push	Oct	16	27
UAW accuses OSHA of foot-dragging on chemicals	Aug	14	13	Energy see Energy Crises	Oct	30	13	Libya — MidEast petrochemicals — report, John M. Winton (tables)	July	24	38
Overseas-based employee: new tax proposal would end exclusions, tax overseas employees on their full salary	Oct	9	10	EPA will formalize procedures for handling civil suits against pesticide law violators	July	31	16	Lighting — Prototype lamp that produces 60% more light per watt than fluorescent lights developed by Westinghouse	July	24	28
Pension reform law praised	Sept	11	19	FTC will issue complaints against 12 oil and gas companies for violating laws against interlocking directorates	July	3	12	Lime and Limestone — Stack-gas scrubbing systems face materials shortage	July	3	27
Plant sites 1975 report, John M. Winton	Oct	23	45	Fertilizers: Bill to control nonfood use of fertilizer introduced in the Senate	Nov	27	25	Liquefaction			
Key labor cost data for all 50 states (table)	Oct	23	45	Flammability consent: plastic makers agree to limit nonflammability claims in ads	Aug	7	17	Coalcon plans demonstration plant	Oct	2	9
Rohm & Haas: Nader's Health Research Group charges that at least 15 employees died from lung cancer in the last 12 years as result of exposure to BCME	Oct	9	19	Gibbs Petroleum's refinery in Sanford, Me., FOIL members suing town over rezoning procedure	Aug	14	16	Foster Wheeler wins USBM's contract for coal-liquefaction plant using the USBM's Synthol process	Dec	11	58
R&H offers benefits to families of lung cancer victims	Oct	23	26	Hazardous materials: railroads challenge Illinois' hazardous materials rules in court	Aug	28	16	OCR considering pilot plant using Hydrocarbon Research process	Aug	7	14
Signetics will close Sunnyvale, Calif., semiconductor plant for eight days because business is slow	Nov	27	22	Impeachment hearings stalling legislation affecting chemical companies	Aug	7	17	They're making a solid effort to get clean coal liquids — report, Donald P. Burke (flowsheets)	Sept	11	38
Stevens' plants unionization: Setting trend in South?	Sept	11	19	Lead-in-gasoline controversy see Gasoline				UOP process to liquefy coal in pilot plant test	Sept	25	39
Strikes				Natural gas: Legislation to give fertilizer makers the highest priority is in the works	Oct	16	13	Lithium			
Amoco Oil, Texas City, strike: Union cites 36-hr. workweek as issue	Aug	21	14	Natural Gas Act gives FPC authority to decide who will get gas supplies in times of shortage rules Supreme Court	Oct	23	24	Batteries: Researchers aim for new high-energy, lightweight batteries	Aug	28	27
Borden's Columbus Coated Fabrics plant strike settled: company will not move entire operation to Andover, Mass.	July	17	22	New Jersey residents can sue to block non-regulated pollution	Dec	18	40	Foote Mineral and Metallgesellschaft accused of dividing world markets for lithium products	July	10	13
CPC International faces strikes at four corn wet-milling plants	July	10	16	Northern Helix entitled to \$78 million damages because the U.S. government breached a helium-purchase contract	Dec	11	32	Louisiana State Univ. — Process converts cellulose into glucose that can be used to grow single-cell protein	July	31	33
Coal strike: CPI large plants could be shut if coal strike curbs power output (table)	Oct	16	17	Nuclear power outlook bright despite safety, financial concerns	Aug	14	19	Lysine — Increased use of single-cell protein could slow growth	Oct	30	19
Outlook brightens	Nov	6	19	OSHA see Labor				M			
Strike will nick CPI sales	Nov	13	9	Ohio meat wrappers bring suit against Goodyear T&R and Borden over VC injury to packers	Aug	28	14	Magnesium — Dow's new plant will be based on modified present technology	Oct	23	17
Coal contract costly	Nov	20	21	Omega Chemical's Wilmington, Del., fire of Nov. '73 sparks damage suit	Dec	11	16	Magnetic bubbles in amorphous thin-film alloys	Nov	27	43
CPI feels some strain as strike drags into fourth week	Dec	4	18	Patent reform bill: Patent reform hits snag	July	17	22	Maintenance			
UMW-BCOA contract will increase labor costs 64% over three years	Dec	11	12	Pollution cases, legislation see Air Pollution; Environment; Waste Disposal; Water Pollution				Cyanamid's committees develop conservation ideas, get workers interested by showing that management is concerned about energy costs	Dec	4	40
Cominco prospects appear bright for a settlement	Sept	25	18					Maintenance costs set new records (table)	July	3	23
Dow's Midland strike may be over	Sept	4	9								
Settlement could set pay pattern for '74 CPI contracts July 24-26	Sept	18	21								
Harshaw Chemical strike still on	Aug	7	21								
Kennecott strike ending	July	24	14								
Montanto's Texas City petrochemical complex hit by wildcat strike of Texas City Metals Trades Council	Aug	7	22								
PPG's Natron, W. Va. strike settlement includes cost-of-living clause	Aug	7	21								
Rorer, William H., Fort Washington, Pa., strike settled	Nov	27	22								
Union Gas Co. of Canada strike ends; cost-of-living provisions part of the agreement	Aug	7	21								
U.S. Borax's strikes at Boron and Wilmington, Calif. plants aggravates borax supply bind	Aug	14	23								
Sweden: KemaNord's PVC plant will try air-jet ventilation to protect workers from VCM exposure	Nov	6	35								

Maleic Anhydride — Ashland Chemical will build plant in Wayne County, West Virginia.	R	Aug	14	16	Tenneco Chemicals' president Ray Marks: He found that selling toys isn't kid stuff.	Sept	18	80	Methane Feedlot operator sets project to produce methane from manure.	July	3	13	
Maltoni, Cesare: Cancer sleuth longs for simple life.	July	17	56	Union Camp's Louis G. Zachary: He struck profit gusher in tall oil.	Aug	7	42	Production of single-cell protein from methane.	N	Nov	13	39	
Malaysia — Preparing to stabilize natural rubber markets.	N	Dec	18	35	A woman is a person — Viewpoint.	Aug	7	5	Methanol California considering a plan to stretch gasoline supplies by encouraging the use of a blend with up to 30% methanol as fuel for autos.	Dec	11	13	
Management Acquisitions and mergers see Industry Developments and individual company names in Company Index					Women: CPI firms seek painless path for bringing women into management.	Aug	7	15	Celanese expansion at Bishop, Tex.	N	Oct	16	13
Ag-MET expands in recycling of metals, PVC and polyester.	Nov	6	21	— letters Aug 28-5.	Oct	2	5	Organic chemicals production: U.S. Tariff Commission report.	Nov	20	48		
Alko aims to parlay expansions, acquisitions into earnings gains.	Aug	14	43	Manganese — Diamond Shamrock capacity expansion at Kingwood, W. Va.	July	13	15	Prices N July 31-18, N Aug 7-35, N Sept 4-17, N Nov 6-25, N Nov 20-45, N Nov 27-25.	N	Dec	4	29	
Alcolac's president Charles N. Anderson, Jr.: He was trained to watch the bottom line.	Dec	18	55	Manpower, Technical Du Pont's "cookbook" method teaches managers, technicians statistical approach in finding answers to chemical questions.	Oct	16	41	Methionine Eldib Engineering forecasts substantial growth in methionine markets.	N	Dec	11	32	
Amoco Chemicals' president Richard M. Morrow: Didn't take him long to learn about chemicals.	July	10	40	Engineer/Scientists Demand Index from Deutsch, Shea & Evans.	Dec	11	57	Growth in poultry markets and soaring fishmeal tabs create market.	N	Oct	30	19	
ARCO puts \$1 billion on line for chemicals.	Oct	23	63	Engineers and scientists' demand continues strong.	N	Aug	14	Methylamines — Prices.	N	Nov	6	25	
Ashland Chemical's president Edward A. Von Doersten: He traveled his way to the top.	Aug	14	74	Pension reform law praised.	Sept	11	19	Methyl n-butyl ketone (MBK) — Columbus Coated Fabrics and 6 other defendants are the targets of damage suit filed by 56 employees who claim they suffered peripheral neuropathy as result of exposure to solvents.	Sept	25	19		
Atlas Powder plans to move its headquarters from Wilmington, Del., to Dallas, home of Atlas' parent, Tyler Corp.	Sept	18	27	We're missing the summit — Viewpoint.	Oct	9	5	Methyl Chloromethyl Ether — SOGMA challenging the standards.	Oct	30	14		
BASF's chairman Matthias Seefelder: He started late but finished a solid first.	Nov	20	72	— letters.	Nov	13	5	Methylcyclopentadienyl Manganese Tricarbonyl — Ethyl's MMT to boost octane in unleaded gasoline.	N	Nov	6	35	
Bayer's growth plan: more production abroad, new product mix.	Oct	2	21	Manufacturing Chemists Assn. Accident-prone employees discussed at safety seminar.	Sept	18	21	Methyl Ethyl Ketone Columbus Coated Fabrics and other firms are targets of damage suit filed by 56 employees.	Sept	25	19		
Baker Industries diversification may take the company into plastics.	July	31	15	Meeting "The Chemical Industry and Its Publics — Challenges and Opportunities".	Dec	4	20	Eso Chemical to expand plant in Fawley.	Dec	11	39		
Celanese: Election of Eleanor Elliott to board completes search for female director.	Oct	2	13	Researchers study possible ozone destruction by fluorocarbons from aerosol propellants that rise into the stratosphere.	Nov	20	68	Methyl Ethyl Ketone Peroxide — Los Angeles explosion caused by prolonged exposure of organic peroxides to high temperatures.	Aug	28	16		
Church & Dwight: Getting new-fangled with an old-time product.	Dec	4	33	Manne Specialties — Manne engine farm will be developed off the California coast.	July	31	32	Methyl Methacrylate Indian plant planned.	July	17	35		
Cyanamid's committee develops conservation ideas, get workers interested by showing that management is concerned about energy costs.	Dec	4	40	Marks, Ray — Tenneco Chemicals' president: He found that selling toys isn't kid stuff.	Sept	18	80	Rohm & Haas increasing capacity at its Houston plant.	N	Nov	20	17	
Doan Associates' Herbert D. Doan: He helps get small firms off the ground.	July	31	36	Massachusetts Institute of Technology — Rasmussen Report concludes reactor risks are small.	Sept	4	14	4,4'-methylenebis(2-chloro aniline) (MOCA) — Polyurethane Manufacturers Assn. asks court to set aside worker exposure standards.	Oct	30	14		
Dow's Ag-Organic Dept. general manager Robert Nagels: Behind jokes, this salesman is all business.	Nov	27	56	Materials Handling — Slurry system for handling bulk materials, called Marconajet.	Oct	23	61	Methylenedianiline — Elprochem's process.	Oct	9	63		
Du Pont's "cookbook" method teaches managers, technicians statistical approach in finding answers to chemical questions.	Oct	16	41	Meat Canadian fertilizer embargo suggested in retaliation for the U.S. ban on Canadian meat imports.	Dec	4	35	Methylenediphenyl isocyanate — Upjohn's Gilmore Labs make low-molecular-weight polycarbodiimides, called oligomers, from MDI.	N	Sept	18	63	
Eastman Kodak's president Walter A. Fallon: He makes picture taking a snap.	July	24	48	Texasgulf plans to increase the buffalo herd and to expand its beef cattle production.	Dec	4	13	Mexico Chemical industry will be self-sufficient in five years says R. Garza of National Assn. of the Chemical Industry.	N	Aug	28	25	
Emery Industries' Donald Hinkley, president and chief executive officer: He says people work best when having fun.	July	3	28	USDA recommends that the use of nitrate additives in all meats, except fermented sausages, be discontinued.	Sept	18	24	Oil bonanza meshes nicely with petrochemical buildup (table).	Dec	4	36		
FTC request for lines-of-business reports challenged by CPI firms.	Aug	28	13	Medical Developments Biomaterials meeting hears how hydrogels, porous titanium and plastics improve success rate of restorative surgery.	Nov	27	41	Oil exports.	N	Sept	4	26	
FTC will issue complaints against 12 oil and gas companies for violating laws against interlocking directorates.	July	3	12	Felt-like composite of Teflon and organic fibers, called Propplast, is aiding surgeons.	Oct	23	61	Oil finds could prove a petrochemical bonanza.	N	Oct	23	55	
Footie Mineral's president and chief executive officer Wayne T. Barrett: A researcher who found the profit formula.	Sept	11	56	Suture products 50-50 joint venture of Cyanamid and Labs. Robert et Carriere.	Oct	23	28	Polyester filament yarn plant onstream.	R	Aug	4	47	
Grace's James J. Galvin, group executive of Agricultural Chemicals Group: Business pro makes it to top in ag chemicals.	Sept	4	40	Melamine — Plastic table tops keep spills off passengers.	Oct	30	16	Price controls on a broad range of products imposed.	N	Oct	9	53	
ICI: Rowland Wright to take over management reins as chairman next April.	Nov	6	29	Membranes — Ultramicroporous open-cell material, Poroplastic, competitor for microencapsulation and thin-skin membrane techniques.	Nov	27	43	Microencapsulation — Ultramicroporous open-cell material, Poroplastic, competitor for microencapsulation and thin-skin membrane techniques.	N	Nov	27	43	
Kelco Co.'s president John T. Riley: Executive talent runs in the family.	Dec	11	60	Mercury Animal feed mix-up leads to slaughter of many calves in Europe.	Aug	7	22	Middle East Arab oil embargo see Petroleum MidEast plans: Reality or mirage? — Viewpoint.	July	24	5		
Kerr-McGee Chemical's president William J.F. Francis: He knows when to let others carry the ball.	Oct	16	52	FDA to limit mercury in fish.	Dec	18	21	MidEast pulls chemical crowd — report. John M. Winton (tables).	July	24	31		
Luzier Cosmetics' president Carol Cook: Direct selling led her directly to top.	Oct	2	32	Metalurgy Hydrometallurgical processes that recover 90% of nickel from oxide and silicate ores developed by UOP, Republic Steel.	Oct	23	57	Middle East see also individual countries					
Mead's J.W. McSwiney reports to N.Y. security analysts.	Nov	6	22	Kennecott and EPA wrangle over new copper smelting process.	Aug	28	30	Midwest Chemical Marketing Assn. — Midwest chemical industry survey made by W. Kather Associates.	Oct	9	16		
Michigan Chemical's Theodore A. Girard v-p of R&D: He's rebuilt planes, autos and his firm.	Sept	25	47	UOP setting up minerals science division to develop and market a hydrometallurgical nickel recovery method.	Oct	2	31	Midwest Research Institute — Cellulose waste processing methods research.	July	31	33		
Midland-Ross' v-p Walter O. Weber: He knows how to get things done in a hurry.	Oct	30	40	Metals Chemical, drug and nonferrous metal pricing practices will be investigated by the Justice Dept.	Nov	6	13	Milk — FDA to limit lead in evaporated milk, mercury in fish.	Dec	18	21		
Monsanto's agricultural division will become a full-fledged company named Monsanto Agricultural Products Co.; changes in corporate structure.	Dec	18	20	Chemical Week '300 — report (tables) Aug 21-33.	Nov	20	41	Minerals Exploration — Ocean mining see Underwater Mining					
Multinationals: A new ball game for multinationals in the offing — report. Gibson & Price.	Dec	18	29	Meta-xylene — Amoco Chemicals will build plant in Texas City, Tex.	July	24	9	Mining Canada dilemma: resources attract, tax bills repel.	Aug	14	11		
NL Industries' Indur Chemicals Div. breaks ground for headquarters building in Hightstown, N.J.; to relocate corporate headquarters.	Dec	11	16	Meters — Exxon R&E testing new system for measuring density of LPG and LNG in large storage tanks.	Dec	4	39	Interior declares invalid six private pre-1920 mining claims on federally owned oil shale lands.	July	10	15		
Nor-Am Agricultural Products' president Raymond P. Severn: His hobby grew into career in ag chemicals.	Nov	13	48	Methacrylic Monomers — Prices.	Sept	4	17	Montana strip-mined coal shipped to Japan draws protests from the governors of Mont. and N.D.	N	Oct	9	10	
PPG's Coatings & Resin Chemicals Div. giving the paint business added luster.	Dec	4	52	Methacrylic Acid — Prices.	Sept	4	17	Open-pit mining of shale will be studied.	N	July	10	29	
Pension reform law praised.	Sept	11	19	Methanation — Lurgi (Frankfurt) proves out methanation step for fixed-bed process.	Aug	7	24	Strip-mine regulation bill amendment passed.	Aug	7	17		
Rhodia's Raymond J. Picard: Accent of his French firm is American.	Oct	23	78					Mining see also Underwater Mining Molding — Mobay will join Improved Machinery in new line of reaction-injection-molding equipment for processing urethanes.	N	Nov	20	64	
Skelly Oil's v-p Mark D. Potest: Former Marine has situation well in hand.	Nov	6	48					Molecules — IMS' Chemindex includes data on about 5,500 molecules.	Oct	2	36		
Snell, Foster D.: Dan Schenholz, executive vice-president. He traded security for diversity.	Aug	21	45										
— letter.	Oct	2	5										

Molybdenum

AMAX to double capacity of Rotterdam plant	R	July	17	35
Amax will shut down mine near Denver	R	Dec	11	15
Climax expansions planned; supply	N	Oct	2	19
Product prices	N	Sept	18	31

Monomers

Grafting will prove a cheaper route to non-flammable cotton, tarisproof silver and permanently dyeable glass fiber	N	July	17	29
Methyl methacrylate monomer expansion at Rohm & Haas Seal Sands plant	R	Sept	18	47
Methacrylate monomer capacity expansion planned at Du Pont's Memphis, Tenn.	R	Oct	23	28
VCM, Akzo and Limburg Vinyl Maatschappij expansion plans	N	Oct	9	57
VCM, KemNord's PVC plant in Stockholm, Sweden, will try air-jet ventilation to protect workers from VCM exposure	N	Nov	6	35
VCM aerosols ban on	N	Oct	16	20
VCM cancer deaths probe see Labor — Cancer deaths probe				
VCM emissions: New methods of controlling VCM emissions are being developed, but allowable level in air still has not been set by OSHA	N	Sept	18	66
VCM emission standards abroad differ from country to country	N	Oct	16	39
VCM/PVC, Netherlands plans new plants	N	Sept	11	25
Mono-methylamine Nitrate — Tank car loaded with Du Pont MMN suspected source of rail-yard disaster in Washington	N	Aug	14	16

Morocco

Barter deals involving Canadian sulfur and Moroccan phos rock	N	Aug	21	9
Phosphate: Spain will probably go along with any move initiated to raise rock prices	N	Dec	11	31
Phosphate rock prices	N	Nov	20	45
Morpholine — Jefferson's Port Neches, Tex., facility to produce Diglycolamine-R and morpholine	R	Dec	11	15
Morrow, Richard M. — Amoco Chemicals' president: Didn't take him long to learn chemicals	N	July	10	40
Mouthwash — Listerine TV ads made false claims says FTC judge	N	Dec	18	21

N

Naegele, Robert — Dow's Ag-Organic Dept. general manager: Behind jokes, this salesman is all business	N	Nov	27	56
---	---	-----	----	----

Naphtha

Common Market chemical makers worry about naphtha supplies	N	July	17	35
ICI seeking 40% cutbacks in its existing naphtha contracts with oil companies	N	Dec	4	35
Japanese cartel to allocate naphtha imports considered	N	July	10	23
National Assn. of Chemical Distributors — Meeting: Chemical distributors are wrapping up their best year; some distributors voice concern about pricing trends	N	Dec	18	17
National Assn. of the Chemical Industry — Mexico's chemical industry will be self-sufficient in five years says R. Garza	N	Aug	28	25
National Assn. of Purchasing Management — Sept. survey notes slowing business and rising inventories	N	Oct	9	53
National Hardware Show — Lawn-garden care and hardware products	N	Sept	4	14
National Paint & Coatings Assn. — Meeting: Shortages ebb, slowdown begins	N	Nov	13	25
National Petroleum Council — Reports there's enough water to support development of coal and shale oil in Western states	N	Nov	13	39
National Science Foundation — Researchers study possible ozone destruction by fluorocarbons from aerosol propellants that rise into the stratosphere	N	Nov	20	68

Natural Gas

Alaska: El Paso Natural Gas' plan for trans-Alaska pipeline	N	Oct	2	13
Algerian-El Paso deal may have reached an impasse over prices	N	July	17	33
Algerian natural gas contracts getting tougher to obtain	N	July	10	10
Anhydrous ammonia producers will lose nearly twice as much production because of gas curtailments	N	Dec	4	13
Canadian export prices up 67%	N	Oct	2	25
CPI raises its bets on Midwest oil, gas and gold — report: Homer G. Starr (charts)	N	Sept	18	51
Chemical Week 300 — report (tables) Aug 21-29	N	Nov	20	39
Curtailments: Warning to gas users	N	Nov	20	21
ENI establishes joint venture for handling LNG from Algeria	N	July	17	35
FPC decision almost doubles the price that can be charged for new natural gas and changes old pricing system to a single national rate	N	July	3	11
FPC ruling that gas produced from coal can be mixed with natural gas may clear the way for construction of New Mexico plants	N	July	3	9
Feedstocks: ammonia buildup will be gradual with feedstocks hard to find	N	July	17	42

GAO charges FPC acted "improperly" in granting price increases for natural gas	N	Sept	25	18
Hungary spending \$1 billion to improve oil and gas supplies	N	Nov	20	57
Italy: new pipelines will provide boost for natural gas supply	N	Aug	14	45
Legislation to give fertilizer makers the highest priority for natural gas is in the works	N	Oct	16	13
LNG: Exxon R&E testing new system for measuring density of LPG and LNG in large storage tanks	N	Dec	4	39
LNG conference urges Algeria adopt "realistic" pricing policies	N	July	3	6
LNG-3 or Eurogas: Contract for the world's largest plant awarded to a consortium of companies	N	Sept	11	15
Natural Gas Act gives FPC authority to decide who will get gas supplies in times of shortage rules Supreme Court	N	Oct	23	24
Natural gas will be preferred feedstock for ammonia production in North America and Europe until its price approaches \$1/million Btu, say Kellogg engineers at AIChE meet	N	Aug	28	31
NGL: FEA proposal to cut import fees	N	Sept	18	27
Offshore oil and gas tracts leasing: chemical companies take a cautious attitude on the Interior's controversial plan	N	Oct	16	22
Oregon's ban on new hookups will not immediately affect CPI firms in the area	N	Oct	9	19
PEG says more ethane could be recovered from gas for ethylene feedstock if government regulations are modified to permit deeper extraction	N	Dec	18	40
Plant sites 1975 report: John M. Winton	N			
How industrial power costs, charges for coal, oil and gas, and reserves compare (table)	N	Oct	23	48
Power capacity and reserves (map & table)	N	Oct	23	52
PPG and Continental Oil settle dispute over natural gas supply	N	July	24	9
Prices: Federal judges set aside a 73% boost in n-g prices (to 45¢/1,000 cu. ft.) that had been approved in May by FPC	N	Oct	16	22
Russian production and plans	N	Sept	11	36
Shortages are forcing plants to switch to fuel oil and coal for boilers (table)	N	Sept	18	19
SNG: feedstocks for SNG plants will be allocated on a case-by-case basis by FEA	N	Aug	14	9
SNG: high-Btu, SNG starts flowing to homes in County Fife, Scotland	N	Aug	21	39
SNG plant planned by Texas Gas Transmission in Kentucky	N	July	24	16
Texas exploration program	N	Sept	18	24
United Gas Pipe Line cutting supplies to industrial and power-plant customers because of limited supplies	N	Oct	16	22
Weather worry: Will icy winter nip CPI profits? Diverting natural gas to homes could tumble operating rates (charts)	N	Dec	11	10
West German energy investments could total \$125 billion in the next 10 years	N	Dec	11	41
Naval Stores — Pulp Chemicals Assn. meeting warns of probable oversupply and sagging prices of naval stores during '75	N	Nov	27	27

Netherlands

Akzo aims to parlay expansions, acquisitions into earnings gains	N	Aug	14	43
Akzo seeks permission from authorities to sell treated salt following ruling that eliminates water fluoridation	N	Nov	20	59
AMAX to double capacity of molybdenum plant in Rotterdam	N	July	17	35
Japan's CPI gears up for invasion of Europe	N	Sept	18	45
Petrochemical expansion plans being firm	N	Oct	9	57
Production of single-cell protein from methane	N	Nov	13	39
Shell may expand ethylene-based complex in Moerdijk N. July 3-22	N	Dec	11	39
VCM and PVC plants planned	N	Sept	11	25
New Zealand — Sulfuric acid plant in Seadown	N	Dec	18	27

Nickel

Hydrometallurgical processes that recover 90% of nickel from oxide and silicate ores developed by UOP, Republic Steel	N	Oct	23	57
Prices	N	July	10	18
UOP setting up minerals science division to develop and market a hydrometallurgical nickel recovery method	N	Oct	23	57
N Oct 2-31	N	Oct	16	24
UOP's demonstration plant for processing nickel laterite ores	N	Nov	10	18
Nickel Oxide Sinter — Prices	N	Nov	27	37
Nigeria — Petrochemical plans	N	Nov	27	37
Ninth Annual World Energy Conference — Focus on oil prices	N	Oct	2	12

Nitrates

USDA panel calls for restrictions on use nitrates as food additives and preservatives	N	July	24	16
USDA recommends that the use of nitrate additives in all meats, except fermented sausages, be discontinued	N	Sept	18	24

Nitrite — Monsanto's Cycle-Safe resin formerly called Lupac, to be used in Coca-Cola's plastic bottles	N	Dec	4	29
Nitrites — Use of nitrites in processing fish may be curbed by FDA	N	Nov	6	14
Nitro Carbonate — Gulf Oil Chemicals plant near Quinnessee, Mich. damaged by series of explosions	N	July	31	15

Nitrogen

Airco plans air-separation plant in central Indiana	R	Dec	18	21
Canada: Alberta is tightening rules for nitrogen plant construction	N	Sept	4	27
Fertilizer buildup: big enough, but not soon enough	N	Dec	11	29
Inventories Sept 11-30	N	Nov	6	25
Prices N Aug 21-19	N	Dec	11	32
World shortages of nitrogen fertilizers predicted	N	Nov	13	23
Nitrogen Oxides — Dry process to remove 95% of nitrogen oxides from stack gas developed by Japan Gasoline	N	July	24	28
Noise Control — OSHA and EPA agree to propose new maximum workplace noise exposure level	N	July	31	13

Norway

N.L. Industries expanding its titanium pigment plant	R	Oct	16	24
PVC: Health issue puts a crimp in petrochemical expansion	N	Oct	23	55
Smeltng business hurt by power shortage	N	Nov	6	29

Nylon

Carpet nylon prices	N	Sept	11	25
Goodyear Aerospace constructs prototype of "the world's heaviest parachute" for space shuttle program	N	July	3	13
Prices	N	Nov	13	23
Resin prices	N	Sept	18	31
Nylon-6/6 — Prices	N	Sept	18	31

O

Ocean exploration and mining see Underwater Mining				
Oil shale see Shale Oil				

Oils & Fats

Expoxidized soybean oil prices	N	Aug	28	19
Essential oils meeting zeroes in on raw materials, regulations	N	Sept	18	49

Olefins

Propylene supplies: two more years of catch-up	N	Sept	11	27
Union Carbide's capacity increase at Taft, La. complex will double ethylene output by late 1977	N	Aug	21	14
Oman — Gazcocean-Oman deal to build two ammonia plants and form a national tanker fleet	N	Sept	25	31
Opium — Shortage in '75	N	Dec	18	21
Optics — Du Pont's PFX, fiber optics material that's a better transmitter	N	Dec	11	57
Organic Chemicals — Output: U.S. Tariff Comm. report N July 17-39, N Oct 16-27	N	Nov	20	48
Organization of Arab Petroleum Exporting Countries — Arab petrochemical development will aim at self-sufficiency and not takeover of foreign markets	N	Oct	16	35

Oxygen

Air Products will build a 300-ton/day air gases plant at Conyers, Ga.	N	Dec	11	9
Airco plans air-separation plant in central Indiana	R	Dec	18	21
Detroit Metro Water Dept.'s River Rouge plant will install world's largest pure oxygen waste-water treatment system	N	Oct	16	39
Liquid Air of North America plans plant in Spartanburg, S.C.	N	July	3	13
Prices N Aug 21-19	N	Dec	11	32
Producers scramble for "established" waste treatment market	N	Dec	18	41
UC plans expansion of air-separation capacity at Republic Steel's Gadsden, Ala., works	N	Oct	9	9
Oxygenation — Oxygen makers scramble for "established" waste treatment market	N	Dec	18	41
Oxytetracycline — Pfizer's Terramycin to treat Florida's coconut palm trees	N	July	10	14

P**Packaging**

Chemical Week 300 — report (tables) Aug 21-31	N	Nov	20	40
INDA's 3rd conference and exposition: "A Focus on the Future" is theme	N	Nov	6	27
Let's look at disposables — Viewpoint	N	Nov	6	5
— letter	N	Dec	11	5
Ohio meat wrappers bring suit against Goodyear T&R and Borden over VC injury to packers	N	Aug	28	14
Thermoplastic users faced with shortages (chart)	N	July	3	21
VCM-cancer link prompts search for packaging substitutes	N	July	31	19

Paints

Artist's supplies — Chemicals add new luster to paintings, sculptures	Dec	18	42
Chemical Week 300 — report (tables) Aug 21-28	Nov	20	42
Lead-in-paint: A decision on whether to lower the limit on lead in paints put off "indefinitely" by the Product Safety Commission	Dec	11	27
Lead-in-paint: Legal limit probably will remain at 0.5%	Dec	4	14
Multicolor paint is ready to enter new markets	Oct	9	45
NPCA's meeting: Shortages ebb, slowdown begins	Nov	13	25
Zola, John C., inventor: Track star thrives as loner	Oct	9	72

Paper

American Cyanamid to expand capacity for additive, Acostrength 100 UK-A, to impart strength to dry, unbleached kraft linerboard	Oct	23	17
API's report on annual capacity growth (chart)	Nov	6	21
Chemical Week 300 — report (tables) Aug 21-31	Nov	20	40
Ethyl's West Carrollton, O. paper mill sold to Falls Paper	Aug	21	15
International Paper's acquisition of timberlands N Sept 18-24	Sept	25	18
International Paper's Container Div. plans corrugated container plant in Russellville, Ark.	Sept	18	24
Mead Corp. building corrugated-shipping-container plant at Lewisburg, Tenn.	July	17	24
North Vietnamese mill will be financed by Sweden	Sept	18	37
St. Regis Paper expanding mill in Bucksport, Me.	July	3	13
Scott Paper discontinuing container products business	Sept	18	24
Waste cellulose looking better as possible source of chemicals	July	31	33
Paraffins — Japan: paraffins capacity expansion	July	17	35
Para-Xylene — Phillips paraxylene plant in Puerto Rico	Sept	25	19

Patents

Contact lenses: Bausch & Lomb and three co-plaintiffs charge Automated Optics with infringement of patents involving contact lenses	Sept	4	13
Deuterium Corp. wins \$1,495,000 judgement in patent battle with AEC over use of dual-temperature isotope-concentration system	July	17	29
Du Pont charges patent infringement in use of Teflon-like material against Black & Decker Ltd. and Whitford Plastics Ltd.	July	24	9
Novamont-Exxon patent suit cleared up: Novamont to license two PP catalyst patents	July	24	28
Exxon charges Toho Titanium for infringing Japanese versions	July	24	28
Patent reform bill: Patent reform hits snag	July	17	22
Pentaerythritol — Celanese expansion at Bishop, Tex. R July 3-13	Oct	16	13

Perfumes

Davidson Associates' "Sweet Smell of Success" seminar and workshop on fragrances	Nov	20	61
Essential oils meeting zeroes in on raw materials, regulations	Sept	18	49

Peroxides

Los Angeles explosion caused by prolonged exposure of organic peroxides to high temperatures	Aug	28	16
Witco's U.S. Peroxygen Div. expanding organic peroxide capacity in Marshall, Tex.	Aug	14	23

Peru

Andean group petrochemical plan set to go	July	24	14
Copper shipments trimmed	Nov	27	20
Joint Peru-Bolivia petrochemical and chemical projects may materialize	Aug	28	25
Pesticides see Insecticides			
Pet Supplies — Dow's pesticide, fosphate, will be used in flea collars	Aug	7	24
Petrochemical Energy Group — More ethane could be recovered from natural gas for ethylene feedstock if government regulations are modified to permit deeper extraction	Dec	18	40

Petrochemicals

Algeria: petrochemicals figure prominently in long-range planning	July	10	10
Andean plan set to go	July	24	14
Arab petrochemical development will aim at self-sufficiency and not takeover of foreign markets	Oct	16	35
Argentina, Bahia Blanca complex way behind schedule	Nov	20	57
ARCO puts \$1 billion on line for chemicals	Oct	23	63
Benzene see Benzene			
Canada: British Columbia complex proposed	Aug	7	29

Canada: Dow weighs complex on Strait of Canso	Aug	14	9
Canada dilemma: resources attract, tax bills repel	Aug	14	11
Dow-Iranian joint venture	Aug	14	9
European chemical markets are running out of steam for the short term	Oct	23	67

Fatty Acids

Feedstock allocations			
FEA data aren't valid for allocations says industry (chart & table)	July	17	19
SNG feedstock will be allocated on a case-by-case basis by FEA	Aug	14	9

Feedstocks

Natural gas will be preferred feedstock for ammonia production in North America and Europe until its price approaches \$1/million Btus, say Kellogg engineers at AICHE meet	Aug	28	31
Refinery buildup may ease chemical shortages (chart)	July	10	11
Oil companies list plans for U.S. refinery expansions (table)	July	10	12

Iran: UC and National Petrochemical study joint ventures	Aug	28	14
--	-----	----	----

Israel: 'David' seeks 'Goliath' status: chemical industry maps program to cash in on nation's resources, boost sales to \$1 billion by '78 (map & table)	Sept	11	46
--	------	----	----

Mexico's new oil finds could prove a petrochemical bonanza	Oct	23	55
--	-----	----	----

Mideast puts chemical crowd — report, John M. Winton (tables)	July	24	31
---	------	----	----

— letter	Oct	2	5
----------	-----	---	---

Monsanto's Texas City petrochemical complex hit by wildcat strike of Texas City Metals Trades Council	Aug	7	22
---	-----	---	----

New England: Search for refinery site includes petrochemical plans	Oct	23	24
--	-----	----	----

Nigeria's plans	Nov	27	37
-----------------	-----	----	----

Oil import quotas see Imports			
--------------------------------------	--	--	--

Oil prices: Estimate of 1985 oil prices will determine course of technology	Dec	18	37
---	-----	----	----

Oil spills: Oil recovery system called Clean-Sweep	Dec	18	40
--	-----	----	----

Paintmakers face some petrochemical supply problems, but business softening will put many materials in balance	Nov	13	25
--	-----	----	----

Peru-Bolivia projects may materialize	Aug	28	25
---------------------------------------	-----	----	----

PVC: Health issue puts a crimp in Norway's petrochemical expansion	Oct	23	55
--	-----	----	----

Prices: Monsanto's executives at Investment Analysts Society do not foresee severe price cutting in the petrochemicals and fibers industries	Dec	11	14
--	-----	----	----

Representatives of chemical companies testify before Congress	Oct	16	19
---	-----	----	----

Shortages: Senate survey reports petrochemicals head the list of materials in short supply	Sept	4	9
--	------	---	---

Shortages: Slowdown in U.S. economy is ending an era of chemical shortages (chart)	Nov	6	17
--	-----	---	----

Small buyers contend shortages are being used to eliminate competition	July	3	14
--	------	---	----

South Africa banks on coal for chemical buildup (map)	Sept	25	33
---	------	----	----

Thailand: Mitsui-headed Japanese consortium is pulling out of a petrochemical complex	Sept	11	15
---	------	----	----

Petroleum

Alaska pipeline see Piping			
-----------------------------------	--	--	--

Algeria's Sonatrach will cut crude oil prices	July	31	21
---	------	----	----

API protests legislation requiring that 30% of all waterborne U.S. petroleum imports to be carried in domestic bottoms	Sept	11	15
--	------	----	----

Canada: Sarnia-Montreal crude pipeline may be built	Dec	4	35
---	-----	---	----

Canada reduces oil exports to the U.S., hints at more cuts	Dec	4	19
--	-----	---	----

Canada studying possible routes for a pipeline to carry crude oil south from northern Canada	Oct	30	14
--	-----	----	----

CMRA's meeting: Tough talk of continuing shortages and upward pressure on prices dominates	Nov	20	47
--	-----	----	----

CPI raises its bet on Mideast oil, gas and gold — report, Homer G. Starr (charts)	Sept	18	51
---	------	----	----

Chemical Week 300 — report (tables) Aug 21-29	Nov	20	39
---	-----	----	----

Congress not likely to pass a tax on "wind-fall" oil profits this year	Nov	6	14
--	-----	---	----

Crude price action due: "capacity-based entitlement system" favored	Aug	21	15
---	-----	----	----

FMC expanding petroleum equipment business	July	17	24
--	------	----	----

FEA proposes rule changes to keep oil refiners from making sudden drastic price run-ups on oil products	Sept	18	27
---	------	----	----

FEA spells out final rules for its program to bring the cost of imported fuel oil more into line with that of cheaper domestic oil	Dec	11	13
--	-----	----	----

FEA's Sawhill calls for "a stable energy situation" based on cooperation between oil producing and oil consuming governments	Nov	20	22
--	-----	----	----

FTC will issue complaints against 12 oil and gas companies for violating laws against interlocking directorates	July	3	12
---	------	---	----

Feedstocks see Petrochemicals

Geneva summit meeting on world oil prices planned early next year	Nov	20	35
Hungary spending \$1 billion to improve oil and gas supplies	Nov	20	57

Indonesia's Pertamina will ship about 10% more oil to the U.S.	Nov	13	29
--	-----	----	----

Israel: 'David' seeks 'Goliath' status: chemical industry maps program to cash in on nation's resources, boost sales to \$1 billion by '78 (map & table)	Sept	11	46
--	------	----	----

Kissinger proposes a strategy for coping with worldwide financial and energy problems, loan and guarantee fund to funnel money to nations hardest hit by soaring oil prices, reduction of energy imports	Nov	27	21
--	-----	----	----

LPG — Weather worry: Will icy winter nip CPI profits? Diverting natural gas to homes could tumble operating rates (charts)	Dec	11	10
--	-----	----	----

LPG: Exxon R&E testing new system for measuring density of LPG and LNG in large storage tanks	Dec	4	39
---	-----	---	----

Mexican oil finds could prove a petrochemical bonanza	Oct	23	55
---	-----	----	----

Mexico oil find boosts chemicals (table)	Dec	4	36
--	-----	---	----

Mexico's exports	Sept	4	27
------------------	------	---	----

Morton showing more interest in mandatory energy conservation as a way to cut U.S. reliance on foreign oil imports	Nov	20	23
--	-----	----	----

Ninth Annual World Energy Conference: Focus on oil prices	Oct	2	12
---	-----	---	----

North Sea oil production costs are expected to burgeon to \$15 billion by '80	Dec	11	13
---	-----	----	----

Offshore oil and gas tracts leasing: chemical companies take a cautious attitude on the Interior's controversial plan	Oct	16	22
---	-----	----	----

Offshore oil tracts in Gulf of Alaska will be leased	July	31	16
--	------	----	----

Oil depletion allowance end predicted, price hikes could hurt rubber	Nov	27	21
--	-----	----	----

Oil quotas see Imports			
-------------------------------	--	--	--

Oil shale see Shale Oil			
--------------------------------	--	--	--

Oil spills see Water Pollution			
---------------------------------------	--	--	--

Olefins see Olefins			
----------------------------	--	--	--

Pipelines see also Piping			
----------------------------------	--	--	--

Plant sites 1975 report, John M. Winton			
---	--	--	--

How industrial power costs, charges for coal, oil and gas, and reserves compare (table)	Oct	23	48
---	-----	----	----

Power capacity and reserves (map & table)	Oct	23	52
---	-----	----	----

Prices: BLS issues revised set of petroleum wholesale price indexes	July	3	11
---	------	---	----

Prices: Estimate of 1985 oil prices will determine course of technology	Dec	18	37
---	-----	----	----

Prices: House Committee hearings to investigate the failure of the FEA to close a loophole in its regulations that could allow oil refiners an estimated \$300 million in unwarranted price increases on crude	Sept	25	19
--	------	----	----

Prices: Wash., D.C. energy planners are locked in a debate over the best strategy for decontrolling oil prices	Sept	4	10
--	------	---	----

Saudi-French trade negotiations are hung up	Dec	11	9
---	-----	----	---

Senate subcommittee report showing that unduly liberal tax rules help the multinational oil companies reap excessive profits disputed by API and N.Y.'s Chase Manhattan Bank	Dec	11	13
--	-----	----	----

Synthetic crude oil: UOP process to liquefy coal in pilot plant test	Sept	25	39
--	------	----	----

Tertiary oil recovery may provide a big market for chemicals	Dec	11	32
--	-----	----	----

Texaco sued by Justice Dept. to make the company comply with the mandatory oil allocation program	Nov	27	14
---	-----	----	----

Texas exploration program	Sept	18	24
---------------------------	------	----	----

West German energy investments could total \$125 billion in the next 10 years	Dec	11	41
---	-----	----	----

World oil prices could drop as result of Saudi Arabian oil auction	July	31	16
--	------	----	----

Worldwide surplus of oil: latest in energy crisis?	July	10	12
--	------	----	----

Pharmaceutical Manufacturers Assn — OTA report supports pharmaceutical industry's contention that all brands of a generic drug are not always equally effective	July	24	15
---	------	----	----

Phenol

Dow Chemical of Canada plans expansion at Ladner, B.C.	July	31	9
--	------	----	---

Rehm & Haas' process to recover phenol from waste streams is looking for work	Nov	27	43
---	-----	----	----

Shell's Deer Park, Tex., complex to get phenol plant and a bisphenol A unit	Dec	11	9
---	-----	----	---

UC will upgrade facilities at Bound Brook, N.J.	Nov	20	17
---	-----	----	----

Upjohn's synthesis of hydroquinone based on phenol and acetone is said to cut costs, reduce plant effluents, by-produce bisphenol A	Dec	11	51
---	-----	----	----

Philippines — Aluminum complex	Sept	18	47
--------------------------------	------	----	----

Phosgene — Chemetron adding phosgene and phosgene derivatives capacity at Laporte, Tex. plant	July	3	13
---	------	---	----

Phosphate

Australian prices will more than triple on Jan. 1, '75	Nov	6	29
--	-----	---	----

Barter deals involving Canadian sulfur and Moroccan phos rock	Aug	21	9
---	-----	----	---

Baker developing Florida rock deposit	July	31	15
---------------------------------------	------	----	----

Acquisition completed	Aug	28	9
-----------------------	-----	----	---

Canadian fertilizer producers trying to line up supply of phosphate rock in Brazil . . .	N	Aug	14	23
Detergent phosphates see Detergents				
Emission standards for phosphate fertilizer plants aimed chiefly at controlling fluoride emissions . . .	N	Nov	6	31
FMC's phosph rock mine in North Carolina . . .	N	Aug	21	29
Fertilizer buildup: big enough, but not soon enough . . .	N	Dec	11	9
Inventories Sept 11-30 . . .	N	Nov	6	25
Israel expands phosphate rock production . . .	N	Aug	21	33
Morocco may soon boost phosphate rock prices N Nov 20-45 . . .	N	Dec	11	31
Municipalities tackle problem of removing phosphates from wastes . . .	N	Aug	21	37
North Carolina expansions . . .	N	Aug	21	9
Prices N Nov 27-25 . . .	N	Dec	18	35
Spain will probably go along with any move initiated by Morocco to raise phosphate rock prices . . .	N	Dec	11	31
Texasgulf will make phosphate fertilizer at Timmons, Ont. . .	N	Dec	4	13
Tunisian phosphate rock mining project granted loan . . .	N	Aug	14	47
Phosphate Rock Export Assn. — Turberville forecasts fertilizer shortages . . .	N	Aug	7	35
Phosphorus Oxidechloride — Prices . . .	N	July	3	19
Phosphorus Trichloride — Prices . . .	N	July	3	19
Photography — Eastman Kodak agrees to sell competitors advance data on new film products setting antitrust suit with Bell & Howell . . .	N	July	17	24
Phthalic Anhydride — Expansions slated by Koppers and USS Chemicals . . .	N	July	17	17
Picard, Raymond J. — Rhodia's chairman, president and chief executive officer. Accent of his French firm is American . . .	N	Oct	23	78
Pigments				
Titanium: NL Industries expanding its Norwegian plant . . .	R	Oct	16	24
Titanium dioxide shortages likely to continue until mid-1976 . . .	N	Aug	14	24
Piping				
Alaskan pipelines . . .				
Crude oil capacity to be increased . . .	N	July	24	16
El Paso Natural Gas' plan for trans-Alaskan gas pipeline . . .	N	Oct	2	13
Trans-Alaska Pipeline bill constitutionally upheld by Supreme Court . . .	N	Oct	23	24
Canada: Sarnia-Montreal crude pipeline may be built . . .	N	Dec	4	35
Canada studying possible routes for a line to carry crude oil south from northern Canada . . .	N	Oct	30	14
Hot tapping methods for welding connections onto operating pipelines . . .	N	Dec	4	39
Insulation is strapped to piping to cut heat loss, save fuel . . .	N	Oct	9	55
Italy's new pipelines will provide boost for natural gas supply . . .	N	Aug	14	45
PVC pipe and fittings joint venture of Robinson for Central American markets . . .	N	Oct	16	24
Slurry system for handling bulk materials, called Marconet . . .	N	Oct	23	61
UC acquires patent rights and equipment of Klean-Kote for a process for cleaning pipelines by internal sand blasting . . .	N	Nov	20	64
Plant Location				
New England study to find acceptable refinery sites sponsored by EPA . . .	N	Aug	7	20
Plant sites 1975: Social concerns are complicating the choosing — report, John M. Winton (charts, tables, maps) . . .	N	Oct	23	33
Texas' tax on petroleum products could cost Texas Conoco's new oil refining and petrochemical complex . . .	N	July	24	15
Plastic Film				
Ohio meat wrappers bring suit against Goodyear T&R and Borden over VC injury to packers . . .	N	Aug	28	14
Prices . . .	N	Aug	14	23
Vinylidene chloride: Italian reports suggest VIC may be carcinogenic . . .	N	Oct	16	20
Plasticizers — Prices . . .	N	Aug	7	35
Plastics				
ABS: Dow plans expansions . . .	R	Aug	7	19
American Cyanamid plans Formica decorative laminates plant in Columbia, S.A. . .	R	July	31	15
Autos: Compact cars will feature luxury fibers, more glass and plastics . . .	N	Sept	11	33
Biomaterials meeting hears how hydrogels, porous titanium and plastics improve success rate of restorative surgery . . .	N	Nov	27	41
Bottle battle is shaping up in the soft-drink field: Coca-Cola to introduce bottles of Monsanto's Cyclo-Safe; Pepsi-Cola looking at Du Pont's Dalar polyester resin bottle . . .	N	Dec	4	29
Chemical Week 300 — report (tables) . . .	N	Nov	20	39
Disposables: Let's look at disposables — Viewpoint . . .	N	Nov	6	5
— letter . . .	N	Dec	11	5
Disposables see a durable future: INDIA's conference and exposition "A Focus on the Future" is theme . . .	N	Nov	6	27
Dow-Iranian joint venture . . .	N	Aug	14	9
European plastics demand heads down, prices up (table) . . .	N	Nov	6	40
Flammability consent from 25 manufacturers . . .	N	Aug	7	17
Foam see Foams				
Foster Grant's Brazilian joint venture in plastics . . .	N	Nov	13	9
Germany's Henkel & Co. developing plastic containing heavy concentrations of carbonyl groups that would attract dirt . . .	N	Oct	23	61
Oligomers: Upjohn's Gilmore Labs makes low-molecular-weight polycarbodiimides, called oligomers, from methylenediphenyl isocyanate . . .	N	Sept	18	63
Oligomers for polishes and coatings from Rohm and Haas . . .	N	Dec	18	22
Polymer 74: U.S. firms ring up \$3 million in sales at Moscow plastics show . . .	N	Oct	2	14
Resins are ready to bottle up beverage market; Belgium's Solvay to introduce polyacrylonitrile barrier resin in beer bottles . . .	N	Sept	11	37
Roach pesticide is plastic-layered tape . . .	N	Aug	21	43
Synthetic resins: Despite "stagnation", output to go up in '75 (chart) . . .	N	Dec	18	18
Table tips keep spills off passengers . . .	N	Oct	30	16
Thermoplastics: shortages will keep lid on thermoplastics through '75 (chart) . . .	N	July	3	21
U.S. Commerce Dept. predicts 13% chemical sales rise in '75 (chart) . . .	N	Nov	13	15
Plastics see also specific plastic				
Plating — Ion exchange, reverse osmosis recover metal-plating chemicals; tests at API and Kodak . . .	N	Sept	25	41
Polishes				
Chemical Week 300 — report (tables) . . .	N	Nov	20	38
Aug 21-28 . . .	N	Nov	20	38
Floor polishes: PE emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based systems . . .	N	Dec	11	37
Oligomers for polishes and coatings . . .	N	Dec	18	22
Production survey released at CSMA meeting . . .	N	Dec	11	22
Politics				
He can't carry the ball alone — Viewpoint . . .	N	Aug	21	5
Larkin, Felix E. of W.R. Grace chosen by N.Y. Governor Wilson to head "Little Hoover" commission to study the efficiency of the N.Y. state government . . .	N	July	31	14
MCA meeting: "The Chemical Industry and Its Publics — Challenges and Opportunities" . . .	N	Dec	4	20
Voting on air and water: SOCOMA fears veto-proof Congress . . .	N	Oct	30	13
Polyamides — Du Pont's polyamide resins unit at Wilmington, Del. . .	N	Dec	11	9
Polybutylene Terephthalate — GAF's plans . . .	N	Sept	25	11
Polycarbodiimides — Upjohn's Gilmore Labs makes low-molecular-weight PCDI, called oligomers, from methylenediphenyl isocyanate . . .	N	Sept	18	63
Polycarbonates				
GE's PC sheeting Languard: one is bullet-resistant, the other items dubbed Security Sheet . . .	N	Oct	2	37
Japan's Teijin Chemicals expanding capacity . . .	N	July	17	35
Polyester				
Carodol Corp. will build polyester chip plant in Fayetteville, N.C. . .	N	Aug	7	13
Celanese Canada will expand plant in Milhaven, Ont. . .	N	July	24	16
Du Pont's Dalar polyester resin to be used in Pepsi-Cola plastic bottles . . .	N	Dec	4	29
Film prices . . .	N	Aug	14	23
Goodyear goes for polyester monofilament market . . .	N	Nov	27	20
Guardrails, coated with reflective polyester powder called Flexclad, installed by Texas Highway Dept. at Houston interchange . . .	N	Aug	7	37
Guilford Mills develops new way to add flame-retardants to polyester warp-knit fabrics . . .	N	July	17	29
Mexican polyester filament yarn plant on stream . . .	N	Aug	4	47
Reichhold plans resins plant in Morris, Ill. . .	N	Dec	18	21
Thermoplastic polyester resin prices . . .	N	Aug	28	19
Polyethylene				
Biomaterials meeting hears how hydrogels, porous titanium and plastics improve success rate of restorative surgery . . .	N	Nov	27	41
Cellulose substitute made from PE and PP . . .	N	Dec	4	39
Chilean LDPE plant capacity to be upped . . .	N	Aug	14	9
Du Pont plastics expansions: PE-based ionomer resins plant at Orange, Tex.; Alkyl A PE pipe unit at Santa Maria, Calif. . .	N	Dec	11	9
Emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based systems . . .	N	Dec	11	37
Esschem Europe will build plant at Meerhout-Vorst, near Antwerp . . .	N	Sept	25	31
Ethylene expansions can't keep up with demand (chart) . . .	N	July	24	24
HDPE: Monsanto plans to drop out of HDPE business . . .	N	Sept	4	9
HDPE: Sollex Polymer acquires Celanese operations including the Deer Park, Tex., plant N Oct 2-9 . . .	N	Dec	4	19
Japan's nuclear ship "Mutsu": extra layers of PE shielding can prevent neutron leaks . . .	N	Nov	20	64
LDPE: CIL plants plant in Alberta . . .	N	Sept	4	9
LDPE: French interests may build plant in Iraq . . .	N	Sept	18	37
Prices N July 31-18 . . .	N	Aug	28	19
Prices of high-molecular-weight PE resins hiked . . .	N	Nov	13	23
Production and consumption . . .	N	Nov	27	25
UC will upgrade facilities at Bound Brook, N.J. . .	N	Nov	20	17
Polyimide — Film prices . . .	N	Aug	14	23
Polyisoprene — Goodyear's Beaumont, Tex., plant fire and explosion take heavy toll . . .	N	Dec	11	16
Polymerizing — Packaging hazardous wastes in plastic before using it for landfill will prevent the material from leaching into the ground; Sealosafe, a mechanical-chemical polymerizing process . . .	N	Nov	20	63
Polymers				
Additives give concrete a lift . . .	N	July	10	19
Disposables industry: "super slurpers", graft polymers, vie for use in disposable items . . .	N	July	24	21
Energy use in production of polymers (tables) . . .	N	July	17	20
European plastics demand heads down, prices up (table) . . .	N	Nov	6	40
Pressure-sensitive adhesives: Auto trimmings add drive to tape and label market — report, Patricia L. Layman . . .	N	Oct	16	29
Prices . . .	N	Aug	7	35
Roach killer, plastic-layered tape, is controlled-release pesticide . . .	N	Aug	21	43
Tertiary oil recovery may provide a big market for chemicals . . .	N	Dec	11	32
UC soil conditioner is hydrophilic polymer . . .	N	July	24	22
Unroval's Flex-Light photopolymer elastomeric printing plate for flexographic printing . . .	N	Nov	27	34
Polyolefins — Output of major polyolefins outpaced consumption during Sept. . .	N	Nov	27	25
Polyols — Prices of polyols used in making urethanes . . .	N	Aug	7	35
Polyphosphate — New method of making aqueous polyphosphate solutions developed; first product, Kalipol 18 detergent builder . . .	N	July	10	29
Polypropylene				
Cellulose substitute made from PE and PP . . .	N	Dec	4	39
Fiber makers trim output to ride out textile slump . . .	N	Dec	4	31
Hercules adding PP conversion capacity . . .	N	Aug	21	19
Hercules curtails fiber production at Oxford, Ga. and Covington, Va. plants . . .	N	Nov	27	13
Northern Petrochemical's plans . . .	N	Sept	4	9
Novamont-Exxon patent suit cleared up; Novamont to license two catalyst PP patents . . .	N	July	24	28
Exxon sues Toho Titanium for infringing Japanese versions . . .	N	July	24	28
Producers can't make polypropylene fast enough (table) . . .	N	July	31	22
Propylene supplies: two more years of catch-up . . .	N	Sept	11	27
Polystyrene				
ArcoPolymers' expandable polystyrene plant Beaver Valley, Pa., will be onstream late this year . . .	N	Sept	4	17
Artist's supplies — Chemicals add new luster to paintings, sculptures . . .	N	Dec	18	42
Dow plans Styron polystyrene expansions . . .	N	Aug	7	19
Flammability consent: plastic makers agree to limit nonflammability claims in ads . . .	N	Aug	7	17
Prices . . .	N	Sept	4	17
Rexene thinks Monsanto may be too optimistic about polystyrene supplies . . .	N	Oct	16	27
Russian plant to be built by Litvin S.A. . .	N	Aug	21	23
Thailand: Dow plans plant . . .	N	Dec	11	39
Yugoslavian joint venture insured . . .	N	Aug	14	47
Polyterpene — Neville Chemical offers synthetic polyterpene resins . . .	N	Aug	21	39
Polyurethane Manufacturers Assn. — Asks court to set aside worker exposure standards . . .	N	Oct	30	14
Polyvinyl Butyral — Monsanto plans plant in Springfield, Mass. . .	N	Nov	6	20
Polyvinyl Chloride				
Bulged contracts for unit . . .	N	Aug	7	19
Canada: Diamond Shamrock Canada plans plant . . .	N	July	17	35
Cancer probe . . .	N	July	3	5
We're in this together — Viewpoint . . .	N	July	3	7
What's ahead for vinyl makers: slowdown or end of the road? (chart) . . .	N	July	3	7
Goodrich plans PVC plant in Louisville, Ky. despite VCM controversy . . .	N	July	17	20
Labs — from Bologna, Italy to Decatur, Ill. — tackle threat . . .	N	July	17	30
VCM-cancer link prompts search for packaging substitutes . . .	N	July	31	19
Bendix's Launch Support Div. will undertake survey of VCM exposure . . .	N	July	31	32

Tough week for vinyl: Senate hearings; ban on household sprays containing VC; FDA prepares regulation; Ohio meat wrappers bring suit against Good-year T&R and Borden	Aug 28	14
OSHA-sponsored economic impact report on VC standard spurs controversy	Sept 18	22
How new technology can solve emission problems at vinyl plants	Sept 18	66
— letter	Oct 2	5
VCM exposure: What standards can industry really live with? (table)	Sept 25	15
Chemicals and cancer: spotting the link before it's too late	Oct 2	29
OSHA's rules spur suits	Oct 9	14
Most of the time, it can be done — Viewpoint	Nov 27	5
Christmas trees: artificial tree sales	Dec 18	20
Ethylene expansions can't keep up with demand (chart)	July 24	24
Firestone Plastics begins construction of new PVC plant adjacent to existing Perryville, Md. unit	Aug 28	15
Homopolymers prices	Aug 7	35
KemaNord's Stockvin, Sweden, plant will try air-jet ventilation to protect workers from VCM exposure	Nov 6	35
Modifier prices	July 10	18
Netherlands plans VCM and PVC plants	Sept 11	25
Norway: Health issue puts a crimp in petrochemical expansion	Oct 23	55
Pipe and fittings joint venture of Robitex for Central American markets	Oct 16	24
South African project called Coalplex	Sept 25	33
Tenneco to convert PVC homopolymer facilities in Flemington, N.J. to PVC-acetate copolymers	Aug 28	16
VCM see also Monomers		
Vinyl producers fight for life as OSHA weighs stringent controls (chart)	July 3	7
Polymers: Materials — Flexitide: 3M's foot-wear materials get major promotional push	Oct 16	27
Portugal — Fertilizer makers are gearing up to meet European demand	Oct 16	35
Potash		
Canada: Saskatchewan moving to take over privately owned industry	Oct 30	9
IMC potash capacity boost in New Mexico; expansion of Canadian potash operation in Esterhazy, Sask. considered	Aug 21	19
Inventories Sept 11-30	Nov 6	25
Mississippi Chemical purchases potash reserve in Carlsbad, N.M. from Tele-gyne	July 24	15
Prices N July 3-19	Oct 2	19
Potassium Polyphosphate — New method of making aqueous polyphosphate solutions developed; first product, Kalipol 18, detergent builder	July 10	29
Potassium Sorbate — Monsanto licenses technology from Nippon Synthetic Chemical Industry	July 31	15
Poteet, Mark D. — Skelly Oil's v-p: Former Marine has situation well in hand	Nov 6	48
Powders		
Reflective polyester powder called Flex-clad	Aug 7	37
Teflon can prevent dusting of powder with process developed by Harshaw Chemical	July 24	28
Preservatives		
Stored grain preservatives getting plugs	July 17	39
USDA panel calls for restrictions on use of nitrates	July 24	16
Preservatives see also Food Additives		
Prices		
Chemical, drug and nonferrous metal pricing practices will be investigated by the Justice Dept.	Nov 6	13
CW's stock prices and index (tables) — July 3-16, July 10-17, July 17-27, July 24-18, July 31-17, Aug 7-23, Aug 14-17, Aug 21-16, Aug 28-17, Sept 4-16, Sept 11-23, Sept 18-28, Sept 25-21, Oct 2-17, Oct 9-20, Oct 16-26, Oct 23-30, Oct 30-15, Nov 6-24, Nov 13-20, Nov 20-33, Nov 27-23, Dec 4-24, Dec 11-25	Dec 18	23
Industrial chemicals: producers expecting sales gain of 25% in next six months; higher prices to account for about 50% of gain (charts)	July 24	11
Inflation see Financial		
LIFO system see Financial		
Mexico rigid price controls	Oct 9	53
NAPM's Sept. survey notes slowing business and rising inventories	Oct 9	53
Wholesale price index — BLS reports	July 24	14
Prices continue upward	Aug 14	14
Prices keep fast pace	Sept 18	22
No letup in price hikes		
Prices also see specific chemical, commodity, etc.		
Printing		
Argentina calls for bid for newsprint plant	Aug 14	47
Chemical Week 300 — report (tables)	Nov 20	42
Aug 21-28		
Uniroyal's Flex-Light photopolymer elastomeric printing plate for flexographic printing	Nov 27	34
Process Equipment		
Delivery times are leveling off, but prices still climb (table)	Oct 2	26
Mobay will join with Improved Machinery in new line of reaction-injection-molding equipment for processing urethanes	Nov 20	64
Production		
Energy and the product mix — report. Rivoire & Winton (table)	Nov 27	29
Equipment delivery times are leveling off, but prices still climb (table)	Oct 2	26
Industrial production index — FRB reports Aug 28-14, Sept 25-17	Nov 27	19
Operating rates — McGraw-Hill's Economics reports R Sept 4-14	Oct 9	9
Organic chemicals production: U.S. Tariff Commission report	Nov 20	48
Shortages: Slowdown in U.S. economy is ending an era of chemical shortages (chart)	Nov 6	17
Propane		
FEA amends rules to limit the rising price of propane following suit filed by Arkansas seeking propane price rollbacks	Aug 14	14
FEA proposes a plan to allow higher prices for propane processed from natural gas	Sept 18	27
Propanaldehyde — UC will build plant in Texas City, Tex.	July 3	13
2-(p-isobutylphenyl)-Propionic Acid — Arthritis drug called motrin from Upjohn	Oct 9	48
Propionic Acid — UC plant in Texas City, Tex.	July 3	13
Propylene		
European supplies will tighten	Nov 6	40
Kellogg tests molten-salt process to convert heavy oils into ethylene and as much as 18% into propylene	Oct 16	42
Organic chemical production: U.S. Tariff Commission report	Nov 20	48
Shortages will keep lid on thermoplastics through 75 (chart)	July 3	21
Supplies: two more years of catch-up	Sept 11	27
Supplies seen tight through 1975	Aug 28	19
Propylene Oxide		
Oxirane plans plant in Channelview, Tex.	July 31	9
Catch-up: supplies: two more years of catch-up	Sept 11	27
Shell will expand Moerdijk, Netherlands, complex N July 3-22	Dec 11	39
Protein		
BP moving downstream into protein markets	Dec 4	35
Buffalo as a protein source, interest revised	Dec 4	13
FTC launches investigation into the advertising and labeling of powder and pill-form protein supplements	Sept 4	15
Miraculin, new sweetener	Nov 6	37
Process converts cellulose into glucose that can be used to grow single-cell protein	July 31	33
Production of single-cell protein from methane	Nov 13	39
Single-cell protein (SCP) may become a commodity in world chemical markets, says J.J. Tchekladze	Oct 30	19
Sugar substitutes sought	Nov 6	37
Synthetic protein plant at Cap-Lavera, France, delayed	Sept 18	37
Public Relations — MCA meeting: "The Chemical Industry and Its Publics — Challenges and Opportunities"	Dec 4	20
Publisher's Page — Headlines that were	Dec 18	7
Pulp and Paper		
API's report on annual capacity growth (chart)	Nov 6	21
Chemical Week 300 — report (tables)	Nov 20	40
Aug 21-31		
Crown Zellerbach modernizing pulp facilities at Port Angeles, Wash.	July 17	24
EEC papermakers battle rising costs and materials shortages	Nov 13	31
Georgia-Pacific's record year	Oct 9	17
IP to expand Texarkana, Tex., mill	Dec 4	19
R Nov 20-24		
Kimberly-Clark Terrace Bay, Ont. pulp mill expansion and modernization	Aug 7	19
North Vietnamese pulp-paper mill will be financed by Sweden	Sept 18	37
Pottlatch's mill in southeastern Arkansas cost up	Dec 18	21
PCA meeting warns of probable oversupply and sagging prices of naval stores during '75	Nov 27	27
Pulp Chemicals Assn. — Meeting warns of probable oversupply and sagging prices of naval stores during '75	Nov 27	27
Purchasing		
Buyers scrambling for equipment (table)	Aug 7	25
How purchasing agents are coping with shortages and inflation	Oct 2	18
UC order processing goes to fully automated computer system	Aug 7	18
Pyrolysis		
Closed-cycle system uses pyrolysis to make activated carbon from primary sludge	July 10	27
Processes for recovery of energy by pyrolysis of solid wastes seem about ready to pay off for the CPI	Dec 11	53
Pyrotechnics — Consumer Product Safety Comm. proposes ban on firecrackers; other fireworks are not affected	July 3	17
Q		
Qatar		
Ethylene complex planned	July 10	23
Japanese firms will take part in steel venture	July 31	21
Mideast petrochemicals — report. John M. Winton (tables)	July 24	38
R		
Radioactivity — British Nuclear Fuels' new way to dispose of high-level radioactive wastes is in the works	Oct 30	31
Railroads		
Chicago, Rock Island & Pacific RR merger into Union Pacific faces long haul	Nov 20	22
Decatur, Ill. yard explosion may have been caused by leaking isobutane	July 31	15
Decatur, Ill., rail-yard explosion was impetus for new rail rules, opposed by CPI companies	Sept 4	15
Derailment of tank car near Peotone, Ill. causes evacuation of residents; tank car contained ethylene glycol n-butyl ether	Aug 14	16
Freight rates see Freight Rates		
Hazardous materials see Shipping		
Hazardous materials		
Hopper-car availability: fewer shortages, but still tight	Sept 4	20
Houston rail-yard explosion: ignited butadiene is suspected cause	Oct 2	16
ICC moves to require railroads to add 88,000 freight cars	July 3	12
Plastic table tips keep spills off passengers	Oct 30	16
Reorganization process: railroads keep rolling despite panel ruling that parts of reorganization act are unconstitutional	July 3	14
Tank car loaded with DuPont MMN explosion suspected source of rail-yard disaster in Washington	Aug 14	16
Transportation equipment shortages are easing	Oct 2	19
Rayon — American Enka and FMC announce yarn cutbacks	July 24	16
Reactors		
Nuclear power outlook bright despite safety, financing concerns	Aug 14	19
Rasmussen Report concludes reactor risks are small	Sept 4	14
Real Estate — Du Pont's employee relocation policy angers Wilmington, Del. area real estate people	Aug 7	20
Reciprocity		
Foote Mineral and Metallgesellschaft accused of dividing world markets for lithium products	July 10	13
Grow Chemical, Continental Can charged with reciprocal buying	July 10	13
Refining		
Atlantic Richfield and Continental Oil refinery plans scrapped	Nov 27	21
Chevron's impact statement smooths path of \$100-million refinery expansion approval by government, providing study that puts no punches	Nov 13	40
Dow plans a Gulf Coast hydrocarbon feedstock and energy refinery	Sept 25	17
Dow's "fuels" refinery near Freeport, Tex.: decision soon N Sept 11-15	Sept 18	17
FEA proposes rule changes to keep oil refiners from making sudden drastic price run-ups on oil products	Sept 18	27
Feedstocks see Petrochemicals		
Florida: Manatee County voters reject proposal for a \$320-million refinery	Sept 25	11
Gibbs Petroleum's refinery in Sanford, Me.: FOIL members suing town over rezoning procedure	Aug 14	16
Great Britain: refinery capacity shutdown threatened as workers at Shell's Stanlow plant turn down pay increase proposal	July 17	33
Guilf Oil studying revamping of Port Arthur, Tex. refinery	Aug 28	9
Murphy Oil's expansion plans for its Marau, La., refinery shelved	Oct 2	9
New England: Search for refinery sites includes petrochemical plants	Oct 23	24
New England study to find acceptable refinery sites sponsored by EPA	Aug 7	20
New Hampshire: Newington voters turn down proposal from C.H. Sprague & Son for refinery	July 10	16

Refinery buildup may ease chemical shortages (chart)	July	10	11
Oil companies list plans for U.S. refinery expansions (table)	July	10	12
Shell, Iran negotiating a deal that would include construction of a refinery in Iran and possible Iranian participation in some Shell marketing operations	Dec	4	20
Refractories — Chemical Week 300 — report (tables) Aug 21-31	Nov	20	40

Research

Batteries: Researchers aim for new high-energy, lightweight batteries	Aug	28	27
Cancer and chemicals: spotting the link before it's too late	Oct	2	29
Cancer chemotherapists find two or more drugs are better than one — report, Joseph Hixson (table)	July	31	26
Cancer links: Labs from Bologna, Italy, to Decatur, Ill., tackle VCM threat July 17-30, July 17-56	Oct	2	29
CW's Energy Impact Series			
Energy policy: off in all directions, Irvin Schwartz (charts & table)	Aug	14	53
Chlorofluoromethanes will reduce the stratosphere ozone layer that protects the earth from solar ultraviolet radiation say Univ. of Calif. researchers	July	10	29
Clorox's 10-year R&D agreement with Henkel GmbH	Sept	11	21
Energy Research and Development Administration: new agency will consolidate programs, reshuffle functions	Oct	30	29
N Oct 16-14	Oct	30	29
EEC research projects expenditures	Oct	30	29
Fluorocarbon aerosol propellants: Researchers study possible ozone destruction by fluorocarbons from aerosol propellants that rise into the stratosphere	Nov	20	68
IMS' Chemindex includes data on about 5,500 molecules	Oct	2	36
Italian-Russian scientific and technical research agreement	July	17	35
NASA launches rockets to study the circulation of wind currents and electrically charged particles in the outermost atmospheric layer	July	10	13
Senate fears that nuclear energy research might be overemphasized	Sept	11	21
Solar power research heats up as conventional energy costs soar	Dec	18	38
Spending: CFI research spending spurts to new high (table)	July	10	25
Steroids: Will there be enough steroids? — report, Norman Applezweig	July	10	31
Sugar substitutes sought: With cyclamates banned and saccharin under fire, researchers are readying new sweeteners	Nov	6	37
U.S.-U.S.S.R. scientific-technical cooperation agreement	July	10	29
N Washington Research Group's suit against NIH: federal appeals court decision opens up grant and contract applications to public scrutiny	Nov	6	14
Waste cellulose looking better as possible source of chemicals	July	31	33

Resins

ABS see Plastics	Sept	18	31
Acetal resin prices	Dec	18	42
Artist's supplies — Chemicals add new luster to paintings, sculptures	Oct	9	46
Coal-derived fossil resins	Sept	11	21
Housing slump hurts plywood makers, trims demand for resins	July	3	19
Phenolic resins and molding material prices	July	3	19
Resins are ready to bottle up beverage market; Belgium's Solvay to introduce polyacrylonitrile barrier resin in beer bottles	Sept	11	37
Shortages will keep lid on thermoplastics growth through '75 (chart)	July	3	21
Synthetic polypropylene resins from Neville Chemical	Aug	21	39
Synthetic resins: Despite "stagnation", output to go in '75 (chart)	Dec	18	18
Vistron Borex Resin-210 plant in Lima, O.	July	3	13
Reverse Osmosis — Ion exchange, reverse osmosis recover metal-plating chemicals; tests at API and Kodak	Sept	25	41
Riley, John T. — Kelco's president: Executive talent runs in the family	Dec	11	60
Rockefeller, Nelson — May be in line for high-level responsibilities as vice-president	Aug	28	9

Rocket Propellants

Thiokol wins NASA contract for solid-fuel rocket engines for space shuttle despite Lockheed Aircraft protest	July	10	13
UDMH: threatened shortage in exotic rocket fuel due to OSHA find that nitrosodimethylamine could cause cancer	Nov	20	45

Rosin

Production	July	10	18
PCA meeting warns of probable oversupply and sagging prices of naval stores during '75	Nov	27	27

Rubber

Chemical Week 300 — report (tables) Aug 21-29	Nov	20	39
Denka considering chloroprene rubber plant in Netherlands	Dec	18	17
Energy use in production of polymers and rubber goods (table)	July	17	20
Goodyear's Beaumont, Tex., polyisoprene plant fire and explosion take heavy toll	Dec	11	16
Japan: synthetic rubber plant at Chiba will resume operations	Dec	11	39
Malaysia preparing to stabilize natural rubber markets	Dec	18	35
Natural rubber futures back	Dec	11	14
Oil depletion allowance end predicted; price hikes could hurt rubber	Nov	27	21
Rumalia — Dow considering a joint project	Oct	2	25

Russia

Ammonia plants to be built by Creusot Loire	Aug	14	47
Ammonia unit started up at Severodoneck	Dec	18	27
Barter deals preferred to outright cash purchases	Sept	11	45
Chemco has contracts for components to be used in ammonia plants	Dec	11	39
Italian scientific and technical research agreement	July	17	35
Natural gas production and plans	Sept	11	36
Nixon's Soviet visit may open way to more chemical trade with U.S.	July	10	14
Occidental Petroleum awarded six contracts	July	10	14
Polymer '74: U.S. firms ring up \$3 million in sales at Moscow plastics show	Oct	2	14
Polystyrene plant to be built by Litwin	Aug	21	23
U.S.-U.S.S.R. scientific-technical cooperation agreement	July	10	29
UOP Chemical Div. contracts to supply specialty chemicals for use in automobile industry	July	31	15

S**Safety**

Accident-prone employees discussed at MCA safety seminar	Sept	18	21
Arsenic see Arsenic			
Asbestos see Asbestos			
Automobiles see Automobiles			
Chemical industry's safety record slipped last year	Sept	11	36
Cancer probe (PVC-VCM)	July	3	5
We're in this together — Viewpoint	July	3	7
What's ahead for vinyl makers: slowdown or end of the road? (chart)	July	17	20
Goodrich plans PVC plant in Louisville, Ky. despite VCM controversy	July	17	30
Labs — from Bologna, Italy to Decatur, Ill. — tackle threat	July	31	19
VCM-cancer link prompts search for packaging substitutes	July	31	32
Bendix's Launch Support Div. will undertake survey of VCM exposure	Sept	18	22
Tough week for vinyl: Senate hearings; ban on household sprays containing VC; FDA prepares regulation; Ohio meat wrappers bring suit against Goodyear T&R and Borden	Aug	28	14
OSHA-sponsored economic impact report on VC standard spurs controversy	Sept	18	22
How new technology can solve emission problems at vinyl plants	Sept	18	66
— letter	Oct	2	5
VCM exposure: What standards can industry really live with? (table)	Sept	25	15
Chemicals and cancer: spotting the link before it's too late	Oct	2	29
OSHA's rules spur suits	Oct	9	14
Most of the time, "it" can be done — Viewpoint	Nov	27	5
Detergents see Detergents			
Drugs see Drugs			
Explosions see Explosions			
Fires see Fires			
Food see Food; Food Additives			
FDA to study cosmetic and toiletry related injuries	Sept	25	23
GE's polycarbonate sheeting Lexgard: one is bullet-resistant, the other item is dubbed Security Sheet	Oct	2	37
Goodrich will spend \$42 million to reduce VC exposure in plants	Nov	13	16
Hazardous materials see Shipping — Hazardous materials			
IFCGW drives for improved job safety	Nov	6	18
Job-safety legislation see Law			
Lead-in-gasoline see Gasoline			
Lead-in-paint see Paint			
Lead poisoning probe at Bunker Hill's smelter in Kellogg, Ida.	Oct	9	16
NIOSH screening industries for the presence of bis-chloromethyl ether	Sept	4	10
Nuclear safety see Atomic Power			
OSHA			
Barrage of new workplace exposure standards for chemicals is being prepared	Nov	27	14
Look for a voluntary self-inspection plan for compliance with safety laws	Nov	20	35

OSHA and EPA agree to propose new maximum workplace noise exposure level	July	31	13
OSHA and EPA are charged as being ill-equipped to do their jobs	Sept	25	19
OSHA under fire on three fronts	July	31	16
Standards under fire	Oct	30	14
UAW accuses OSHA of foot-dragging on chemicals	Aug	14	13

Pipeline safety see Piping**Pollution control see Air Pollution; Environment; Water Pollution**

Polyester-coated guardrails installed by Texas Highway Dept. at Houston interchange	Aug	7	37
Railroads see Railroads			
Rohm & Haas: Nader's Health Research Group charges that at least 15 employees died from lung cancer in the last 12 years as result of exposure to BCME	Oct	9	19
Rohm & Haas offers benefits to families of lung cancer victims	Oct	23	26
Silicon tetrachloride storage tank leak: Chicago residents file suit against Bulk Terminals	July	3	13
Stanford Research Institute establishes a Center for Occupational and Environmental Safety and Health to conduct studies of the effects of hazardous substances on workers handling the materials and on the general public	Nov	13	18
Sweden follows the U.S. lead on VC exposure limits	Oct	30	31
Sweden: KemaNord's PVC plant will try air-jet ventilation to protect workers from VCM exposure	Nov	6	35
Salinas — Japanese fiber executives are training their own pay as an example to their employees	Nov	13	29

Salt

Akzo seeks permission from Dutch authorities to sell treated salt following ruling that eliminates water fluoridation	Nov	20	59
Cargill plans expansion of evaporative salt plant in Hutchinson, Kan.	Aug	21	15
Diamond Crystal buys land for possible rock salt mine	July	3	10
U.S. decision to permit consumption of salt from chlorine manufacture blasted by Salt Institute and the Nader-sponsored Maryland Public Interest Research Group	Nov	20	63

Saudi Arabia

Bechtel designing plan for major industrialization zone	Aug	7	14
Dow's Mideast plans will include ethylene	Sept	18	17
Franco-Saudi trade negotiations are hung up	Dec	11	9
Industrial zone project looks for foreign companies to participate	July	31	9
Mideast petrochemicals — report, John M. Winton (tables)	July	24	38
Oil auction could mean a drop in world oil prices	July	31	16
U.S.-Saudi Arabian Industrial Development Council chances dim	Aug	7	14
Schoenholz, Dan — Foster D. Snell's executive vice-president: He traded security for diversity	Aug	21	45
Scotland — SNG High-Btu SNG starts flowing to homes in County Fife, Scotland	Aug	21	39

Scrubbers

Clean Air Act amendments: key proposal would permit emission of pollutants from tall stacks on power plants to remove SO gases — major energy officials favor scrubbers	Dec	18	19
Limestone stack-gas scrubbing systems face more problems	July	3	27
Seven, Raymond P. — Nor-Am Agricultural Products' president: His hobby grew into career in ag chemicals	Nov	13	48
Seefelder, Matthias — BASF's chairman: He started late but finished a solid first	Nov	20	72
Selling see Marketing ; also see specific chemical, commodity etc.			

Shale Oil

Atlantic Richfield Canada withdrawing from participation in synthetic crude oil plant in Alberta's Athabasca tar sands area	Dec	18	20
Brazilian oil from shale pilot plant in Iran	Oct	2	25
Canada: Athabasca tar sands: Shell Oil bowing out of tar sands because of uncertainties	Nov	6	19
Colony Development "suspending" construction plans of Garfield County, Colo., plant	Oct	16	24
Interior declares invalid six private pre-1920 mining claims on federally owned oil shale lands	July	10	15
National Petroleum Council reports there's enough water to support development of coal and shale oil in Western states	Nov	13	39
Open-pit mining of shale will be studied	July	10	29

Shipping

API protests legislation requiring that 30% of all waterborne U.S. petroleum imports to be carried in domestic bottoms	Sept	11	15
--	------	----	----

Canpolex Shipping Services Ltd., ocean freight and shipping brokerage company, set up	July	17	17
Deep-water port legislation	Oct	16	14
Hazardous materials			
Air shipments: Regulation of chemical shipments up in the air; rules termed "chadic"	July	3	24
Air shipment rules proposals	Aug	28	16
CPI representatives find fault with proposed regulations	Oct	9	17
Air Line Pilots Assn. members will refuse to fly passenger aircraft carrying most types of hazardous cargoes as of Feb. 2 '75	Dec	18	21
DOT proposes freight car rules	Aug	28	16
Hazardous chemical spills: tough curbs planned	Sept	4	28
Illinois' rules challenged Aug 28-16	Oct	2	15
Partial deregulation of surface transportation being pushed	Nov	27	14
Plant sites 1975 report. John M. Winton — Shipping costs (charts & table)	Oct	23	47
Standard Oil (Ohio) plans terminal at Valdez, Alaska	Sept	18	24
UC increased differentials for small shipments of drummed chemicals	Sept	4	17
Shipping see also Barges; Railroads; Tankers; Trucks			
Shoes — 3M gives footwear materials, Flexstride, a major promotional push	Oct	16	27
Silica			
Gels, baking soda seek share of dentifrice market	Sept	4	18
Lanza's method of making fumed silica may be commercialized	Sept	25	39
Silicate — Hydrometallurgical processes that recover 90% of nickel from oxide and silicate ores developed by UOP, Republic Steel	Oct	23	57
Silicon			
Canada: German plant no threat to U.S. producers	July	17	24
Dow Corning slates silicon plant at Carrollton, Ky.	Aug	14	14
Product prices	July	17	39
Silicon Tetrachloride — Storage tank leak: Chicago residents file suit against Bulk Terminals over tank leak in April	July	3	13
Silicones — Prices N July 24-23	Sept	25	23
Silver			
Consumption drops	Sept	18	31
Monomer grafting will prove a cheaper route to tarnishproof silver	July	17	29
Silver-impregnated filter systems win water purification jobs	Aug	7	37
Smoking material called RCN will go into limited production next year	Nov	20	63
Soap — Penwalt introduces Fresh, a germicidal hand soap	Oct	30	17
Soda Ash			
Prices	Dec	4	29
Trona producers will get 14% depletion allowance if new bill is signed	Oct	23	17
Sodium Carbonate — Church & Dwight: Getting new-fangled with an old-time product	Dec	4	33
Sodium Chlorate — Standard Chemical will double capacity at Beauharnois, Que.	Nov	27	22
Sodium Hydroxide			
Olin plans two expansions	Nov	6	20
Product prices	Sept	4	17
Sodium Tripolyphosphate — Prices	Dec	18	35
Soil Conditioners — UC soil conditioner is hydrophilic polymer	July	24	22
Solar Power			
Solar power research heats up as conventional energy costs soar	Dec	18	38
Uranium: solar energy will provide low-cost hot water for milling in a Sohio-AEC joint venture	Oct	9	63
Solvents			
Aliphatic solvents plant at Trecate, Italy, to be built	Sept	25	31
Chlorinated solvent prices N Aug 28-19	Dec	4	29
Columbus Coated Fabrics and 6 other defendants are the targets of damage suit filed by 56 employees who claim they suffered peripheral neuropathy as result of exposure to solvents	Sept	25	19
Galaxy Chemical's solvents plant in Little Elk Valley, Md.: NIOSH and EPA to study toxic pollution complaints	Aug	21	15
Maryland bans chemical waste dumping	Sept	4	14
PE emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based systems	Dec	11	37
Pressure-sensitive adhesives: Auto trimmings add drive to tape and label market — report. Patricia L. Layman	Oct	16	29
Sorbic Acid — Monsanto licenses sorbic acid technology from Nippon Synthetic Chemical Industry	July	31	15
Sorghum — Sweet sorghum may become a major source of sugar in the U.S.	Dec	11	57
South Africa			
Calcium hypochloride production at Aquachlor's Kempton Park plant begun	Sept	18	47
Chemical industry banks on coal for chemical buildup (map)	Sept	25	33
Expansion plans	Dec	11	39
PVC project called Coalplex	Sept	25	33
South America — Andean plan set to go	July	24	14
South America see also under individual countries			
Soybeans — Epoxidized soybean oil prices	Aug	28	19
Space Technology			
Goodyear Aerospace constructs prototype of "the world's heaviest parachute" for space shuttle program	July	3	13
NASA launches rockets to study the circulation of wind currents and electrically charged particles in the outermost atmospheric layer	July	10	13
Thiokol wins NASA contract for solid-fuel rocket engines for space shuttle despite Lockheed Aircraft protest	July	10	13
Spain — Phosphate: government will probably go along with any move initiated by Morocco to raise phosphate rock prices	Dec	11	31
Standardization: OSHA see Labor			
Standardization: Pollution standards see Air Pollution; Environment; Water Pollution			
Standardization: Safety see Safety			
Stanford Research Institute			
Center for Occupational and Environmental Safety and Health established to conduct studies of the effects of hazardous substances on workers handling the materials and on the general public	Nov	13	18
Study shows dried plant material may become an important source of electric power	July	17	29
Studying the economic feasibility of converting Alaskan Beluga cod reserves into clean fuels	Sept	11	38
Steel			
Chemical Week 300 — report (tables) Aug 21-33	Nov	20	41
Norway's smelting business hurt by power shortage	Nov	6	29
Nuclear reactors may provide the heat necessary to produce steel	Dec	4	43
Process that can pretreat and coat steel in a single step	Dec	18	40
Qatar venture will include two Japanese firms	July	31	21
Steroids			
Contraceptive steroids from cholesterol: Japanese process may go commercial	Aug	28	31
Will there be enough steroids? — report. Norman Applezweig	July	10	31
Storage			
Bulk storage facilities for chemicals and other liquids are expanding fast	Nov	13	23
Multi-ring "superflywheels" for storing energy during off-hours	Sept	25	39
Storms — Honduras: CPI helping hurricane-stricken Honduras	Oct	9	16
Styrene			
Oxirane plans plant in Channelview, Tex.	July	31	9
Shell will expand Moerdijk, Netherlands, complex	Dec	11	39
Styrene-butadiene — Canada: Dow plans styrene-butadiene latex plant in Varennes, Que.	Aug	14	47
Sudan — MidEast petrochemicals — report. John M. Winton (tables)	July	24	35
Sugar			
Consumer group urges limit on sugar content in breakfast cereals	Aug	14	15
Hydrolyzing waste newspaper into glucose	July	31	33
Prices up	Aug	14	15
Sweet sorghum may become a major source of sugar in the U.S.	Dec	11	57
Sulfonates			
Canada: Witco plans sulfonation unit at Oakville, Ont.	July	17	35
Tertiary oil recovery may provide a big market for chemicals	Dec	11	32
Sulfur			
* Anlin will step up sulfur recovery operations	Aug	7	13
Barter deals involving Canadian sulfur and Moroccan phosphor rock	Aug	21	9
Desulfurization see Desulfurization			
Prices N July 24-23, N July 31-18	Nov	20	45
Production, consumption and foreign trade are going up	Nov	6	25
Shipments outrun production during first four months of '74	July	3	19
Sulfur Dioxide			
North Star Chemical's Minneapolis plant pilot testing absorption process to remove sulfur dioxide from stack gas	July	31	32
Prices N July 31-18	Aug	21	19
Sulfur Dioxide see also Air Pollution; Desulfurization			
Sulfuric Acid			
Dilute sulfuric acid can remove linters from cotton seeds in Cotton, Inc. process	July	24	28
Mist formation by autos using catalyst control systems in Los Angeles area will be investigated	Oct	2	31
New Zealand: Dominion Fertilizer will build plant in Seadown	Dec	18	27
North Star Chemical's Minneapolis plant pilot testing absorption process to remove sulfur dioxide from stack gas	July	31	32
Portuguese plant in Sines	Oct	16	35
Prices N July 31-18, N Nov 27-25	Nov	18	35
Surfactants — Prices	Nov	31	18
Sweden			
KemaNord's PVC plant in Stockvím will try air-jet ventilation to protect workers from VCM exposure	Nov	6	35
VC: nation follows the U.S. lead on VC exposure limits	Oct	30	31
Sweeteners			
Aspartame approved by FDA	Aug	7	18
Searle's sweetener faces charges of potential brain damage	Oct	2	15
Aspartame hits a snag	Nov	6	37
Staley financing for expansion, mostly in corn syrups	Nov	13	9
Sugar substitutes sought: With cyclamates banned and saccharin under fire, researchers are readying new sweeteners	Nov	6	37
Synthesis			
D-tartaric acid may be synthesized commercially in Japan	Dec	4	39
Monsanto process, direct synthesis of the pharmacologically active form of the molecules that occur in two mirror-image isomers, being used to produce L-dopa	Nov	20	71
Upjohn's synthesis of hydroquinone based on phenol and acetone is said to cut costs, reduce plant effluents, by-product bisphenol A	Dec	11	51
Synthetic Organic Chemical Manufacturers Assn.			
Challenging decision that OSHA's categorization of ethylenimine was proper	Sept	18	63
Challenging the standards for methyl chloromethyl ether and 3,3-dichlorobenzidine	Oct	30	14
Voting on air and water: SOGMA fears "vetoproof" Congress	Oct	30	13
Synia — MidEast petrochemicals — report. John M. Winton (tables)	July	24	35
Taenitis			
Inland Steel plans pellet plant in New Virginia, Minn.	Sept	25	19
Reserve Mining discharges into Lake Superior: Supreme Court refuses request by Minnesota officials to strike down a stay of District Court order	July	17	24
Court vetoes company's plan for on-land disposal	Aug	14	14
Solution appears near; new on-land site for disposal considered	Sept	4	13
Justice Dept. urges high court to ban Reserve Mining discharges	Oct	16	20
Tankers			
API protests legislation requiring that 30% of all waterborne U.S. petroleum imports be carried in domestic bottoms	Sept	11	15
Oman deal to build two ammonia plants and form a national tanker fleet	Sept	25	31
Operators may have to pay a bigger share of damages resulting from accidents at sea	Nov	27	14
U.S. Maritime Administration's plan to persuade private industry to build nuclear-powered supertankers runs aground because of building costs	Oct	30	14
Tapes — Pressure-sensitive adhesives: Auto trimmings add drive to tape and label market — report. Patricia L. Layman	Oct	16	29
Tariffs			
Benzenoid imports spurred by shortages (charts)	Oct	30	12
Trade bill			
Trade bill may be on again due to Soviet assurances that it will cease emigration policies	July	24	9
Jackson's amendment revised	Aug	21	5
Chances that Congress will pass a bill this session have dimmed	Sept	18	17
Bill appears to be headed for smooth sailing after all	Oct	16	14
Bill set to go	Oct	30	12
Long-stalled trade bill faces new shoals	Nov	20	35
Senate will not take up the bill until after Dec. 3	Nov	27	14
Outlook dim	Dec	11	15

Tartaric Acid — D-tartaric acid may be synthesized commercially in Japan N Dec 4 39

Taxation

Bauxite mining countries pressure aluminum makers, Guyana sets tax Oct 9 15
Canada: Saskatchewan is moving to take over privately owned potash industry Oct 30 9
Canada dilemma: resources attract, tax bills resist Aug 14 11
CPI leaders like Ford's call for 10% tax credit Oct 16 18
Congress not likely to act on trade and taxes in the lame-duck session before Christmas adjournment N Nov 27 14
Congress not likely to pass a tax on "wind-fall" oil profits this year Nov 6 14
Congressional economic stimulus likely to come in two forms: indirect aid to the unemployed and tax relief for the lower brackets N Nov 20 35
FIFO-to-LIFO shift see **Financial**
International Bauxite Assn. meeting in Georgetown, Guyana, to discuss pricing strategy Nov 6 22
Oil depletion allowance end predicted: price hikes could hurt rubber Nov 27 21
Overseas-based employee: new tax proposal would end exclusions, tax overseas employees on their full salary N Oct 9 10
Plant sites 1975 — report John M. Winton State-by-state comparison of corporate income, sales, vehicle fuel, franchise and severance taxes (tables) Oct 23 36
Puerto Rico putting into effect immediately a new tax exemption schedule N Sept 18 17
Reynolds' bauxite operations in Guyana face uncertain future as tax issue persists Oct 16 20
Senate subcommittee report showing that unduly liberal tax rules help the multinational oil companies reap excessive profits disputed by API and NY's Chase Manhattan Bank Dec 11 13
Tax handoff for recycling of certain scrap materials is in the works Oct 9 10
Tax reform
Faster write-off for investment in "short-age" industries discussed N July 3 14
Look for major action by the 94th Congress Dec 4 14
Oil depletion allowance: a rapid phase-out is a real possibility Aug 14 10
Texas' state manufacturing tax on petroleum products could cool Texas Conoco's new oil refining and petrochemical complex July 24 15
Trona producers will get 14% depletion allowance if new bill is signed N Oct 23 17
Technology — Japan: "New from Japan", a biweekly report series available from GE N Sept 18 63

Teflon

Biomaterials meeting hears how hydrogels, porous titanium and plastics improve success rate of restorative surgery Nov 27 41
Du Pont charges Black & Decker Ltd. and Whitford Plastics Ltd. with patent infringement in use of Teflon-like material N July 24 9
Harshaw Chemical process shows Teflon can prevent dusting of powder N July 24 28
Tennessee Valley Authority — Fertilizer Conference forecasts shortages Aug 7 35
Terephthalates — Hercules plant in Wilmington, N.C. resumes full production after fire N July 24 23

Terephthalic Acid

Amoco plans plant in the Southeast R Sept 18 24
Mexican plant in the Coatzacoalcos-Minatitlan area Dec 4 36

Terminals

Bulk storage facilities for chemicals and other liquids are expanding fast N Nov 13 23
Standard Oil (Ohio) plans shipping terminal at Valdez, Alaska R Sept 18 24
UC will expand its marine terminal in Texas City, Tex. R Oct 9 17
Tert-butyl hydroperoxide — Los Angeles explosion caused by prolonged exposure of organic peroxides to high temperatures Aug 28 16
Testing — Du Pont's Plastics Dept., Haskell Labs. developing more economical carcinogen screening techniques for chemicals N Dec 11 57
Tetraethyl Lead — Prices N Aug 28-19 N Oct 23 67
Tetramethyl Lead — Prices N Aug 28-19 N Oct 23 67
Tetrasodium Pyrophosphate — Prices N Dec 18 35

Textiles

Consumer demand for fibers winds down, easing bind on supplies Aug 21 20
Fiber makers trim output to ride out textile slump Dec 4 31
Guilford Mills develops new way to add flame-retardants to polyester warp-knit fabrics N July 17 29
Slowdown in markets is beginning to be felt by fiber makers N Nov 6 25
Stevens' plants unionization: Setting trend in South? Sept 11 19
Textile deficit down — Commerce Dept. report Dec 4 20
Trade bill see **Tariffs** — Trade bill

Thailand

Mitsui-headed Japanese consortium is pulling out of a petrochemical complex N Sept 11 15
Polystyrene plant R Dec 11 39
Thiocyanate — Witco expanding capacity R Oct 16 24
Thioglycolate — Witco expanding capacity R Oct 16 24

Thionyl Chloride

Hooker Chemicals & Plastics plans plant at Tall, La. R July 10 16
Mobay Chemical plans plant at New Martinsville, W. Va. N Aug 14-23 R Aug 21 15
Threonine — Growth in demand N Oct 30 19

Tires

Auto sales slowdown is squeezing industry's chemical suppliers Nov 13 16
Chemical Week 300 — report (tables) Nov 20 39
Firestone says its 500-series steel-belted bias tires meet requirements for Federal Motor Vehicles Safety Standard 109 N Sept 25 23
Indian plant planned R July 17 35
Radials: Du Pont's Kevlar makes debut as a tire belt N Sept 25 23
Radials: Goodyear's premium-priced radials use Kevlar instead of steel N Sept 25 23
Radials: Mohawk's glass-belted radials N Sept 25 23
Titanium — Biomaterials meeting hears how hydrogels, porous titanium and plastics improve success rate of restorative surgery Nov 27 41

Titanium Dioxide

Du Pont plans plant in De Lisle, Miss., considering plant in Europe N July 24-9, N Aug 14-23 Aug 14 24
Edge Moor, De plant capacity to be upped Aug 14 24
NL Industries will add capacity at Nordenham, West Germany, plant N Aug 14 23
Prices N July 17-39 N July 24 23
Sherwin-Williams to sell its Ashtabula, O., pigment operations to SCM Oct 9 17
Shortages likely to continue until mid-1976 Aug 14 24
Titanium Trichloride — Prices N Oct 16 27
Tobacco — ICI will test market synthetic tobacco cigarettes containing NSM N Aug 14 51

Toiletries

Chemical Week 300 — report (tables) Nov 20 38
Aug 21-28 Nov 20 38
FDA to study cosmetic and toiletry related injuries N Sept 25 23
Toluene — Organic chemical production: U.S. Tariff Commission report Nov 20 48

Toluene Disocyanate

Mexican plant Dec 4 36
Prices N July 17 39
Toothpaste — Gels, baking soda seek share of dentifrice market Sept 4 18
Trade Secrets — Washington Research Group's suit against NIH: federal appeals court decision opens up grant and contract applications to public scrutiny N Nov 6 14
Training — Du Pont's "cookbook" method teaches managers, technicians statistical approach in finding answers to chemical questions Oct 16 41

Transportation

Plant sites 1975 report. John M. Winton (map, charts, table) Oct 23 46
Urethane coating primed for attack on graffiti: producers are penetrating mass-transit market with durable, easy-to-clean surface materials Sept 25 26
Transportation see also **Aeronautics, Barges, Railroads, Shipping, Trucks**
Trees — Pfizer's Terramycin (oxytetracycline) to treat Florida's coconut palm trees July 10 14
Trona — Producers will get 14% depletion allowance if new bill is signed N Oct 23 17
Trucks — Transportation equipment shortages are easing N Oct 2 19
Tryptophan — Growth in demand N Oct 30 19

Turkies

Mideast petrochemicals — report. John M. Winton (tables) July 24 35
Phosphate rock mining project gets loan R Aug 14 47
Tungsten — UC to develop new mine in Lincoln County, Nevada N Oct 16-13 R Oct 23 28
Turpentine — Production N July 10 18

U

Ultraviolet — Continental Can's ultraviolet curing of can coatings: expansion can be jeopardized by compliance dates of Clean Air Act Oct 2 36

Underwater Mining

Offshore oil tracts in the Gulf of Alaska will be leased N July 31 16
UN Conference on the Law of the Sea — Delegates clash N July 31 21

United Nations

Fertilizers and pesticides will be mobilized for rapid increase in food crop production in Asia Oct 23 21
Conference on the Law of the Sea — Delegates clash July 31 21
World Food Conference ends with vague promises of aid for the hungry Nov 20 24
U.S. Army — Cellulose research: fungus, Trichoderma viride, used as the principal source of cellulase enzymes July 31 33
U.S. Bureau of Mines — Open-pit mining of shale will be studied N July 10 29

U.S. Dept. of Agriculture

Dihydrochalcones: sweeteners derived from chemical extracts of the rinds of grapefruits and other citrus fruits Nov 6 37
OCR considering coal liquefaction pilot plant using Hydrocarbon Research process N July 24 16
Panel calls for restrictions on use of nitrates as food additives and preservatives July 24 21
"Super slurpers", graft polymers, vie for use in disposal items July 24 21

U.S. Dept. of Interior

Declares invalid six private pre-1920 mining claims on federally owned oil shale lands July 10 15
OCR considering coal liquefaction pilot plant using Hydrocarbon Research process N Aug 7 14
OCR names Martin B. Newworth, Assistant Director for Liquefaction N Aug 7 14

University of California

Hydrolyzing waste newspaper into glucose July 31 33
Researchers Rowland and Molina say chlorofluoromethanes will reduce the stratospheric ozone layer that protects the earth from solar ultraviolet radiation N July 10 29
University of Pennsylvania — Report says uniform water pollution control laws waste billions of dollars N Nov 20 63

Uranium

Brazil putting final touches on plan aimed at building 11,000 mw of atomic power capacity by '90 Nov 27 38
Enrichment: AEC pushing private plants N July 3 14
Enrichment: Centar Associates will make proposals for the nation's first gas centrifuge plant N Nov 13 39
Enrichment: Exxon-Avco laser enrichment process for uranium N Aug 14 66
Enrichment: Nuclear deals: GE pulls out of joint venture with Exxon; Westinghouse withdraws from project with Bechtel; AEC doing its best to keep Bechtel in the enrichment field Oct 2 13
Enrichment: Uranium Enrichment Associates, joint venture, considers plant in Alabama July 10-14 R July 31 13
Private utilities favor federal corporation N Aug 14 66
Private operation of facilities still unclear N Aug 14 66
Sohio-AEC joint venture: solar energy will provide low-cost hot water for uranium milling N Oct 9 63
United Nuclear contracts for sale R Aug 7 19
U.S. signs pact to sell enriched uranium for reactors to Iran July 10 14

Urea

Bangladesh seeking foreign management for ammonia-urea plant N Dec 11 41
Brazilian complex planned N Nov 27 37
Improved recovery techniques battle for urea process market N July 17 28
India ammonia-urea plant in Baroda R Aug 14 47
Indian plant at Kalol R Dec 18 27
Japanese to supply urea to Sri Lanka, Bangladesh and Nepal R Dec 11 39
Portuguese plant in Sines N Oct 16 35

Urethane

Artist's supplies — Chemicals add new luster to paintings, sculptures Dec 18 42
Coating primed for attack on graffiti: producers are penetrating mass-transit market with durable, easy-to-clean surface materials Sept 25 26
European process, Foamax, to make flat urethane slab stock is drawing U.S. interest N Sept 4 31
Flammability: plastics makers agree to limit nonflammability claims in ads Aug 7 17
Mexican plant in Nuevo Leon planned Dec 4 36
Nonsolvent urethane for coating fabrics Nov 27 35
Olin and Asahi Glass joint venture to build urethane polyol plant in Japan N Nov 27 37

V

Vaccines see Drugs

Venezuela

Andean group petrochemical plan set to go July 24 14
Ethylene joint projects with Bolivia N Sept 25 31
Viewpoint July 3-5, July 24-5, July 31-5, Aug 7-5, Aug 14-5, Aug 21-5, Sept 25-5, Oct 9-5, (letters Nov 13-5), Oct 23-5, Nov 6-5, (letter Dec 11-5), Nov 27-5 Dec 4 4

Vietnam, North — Pulp and paper mill will be financed by Sweden	Sept	18	37
Vinyl — Producers fight for life as OSHA weighs stringent controls (chart)	July	3	7
Vinyl Acetate — Copolymer prices	Aug	7	35

Vinyl Chloride

Akzo considering plant in Eemshaven industrial area	N	Dec	18	17
Cancer deaths probe see Polyvinyl Chloride — Cancer deaths probe				
Goodrich will spend \$42 million to reduce VC exposure in plants	R	Nov	13	16
Sweden follows the U.S. lead on VC exposure limits	N	Oct	30	31
Vinylidene Chloride — Italian reports suggest VIC may be carcinogenic	N	Oct	16	20

Vitamins

Bill to prevent FDA curb on vitamins draws support, criticism	Sept	4	15
National Research Council report calls for addition of 10 vitamins and minerals to foods	July	17	23
Von Doersten, Edward A. — Ashland Chemical's president. He traveled his way to the top	Aug	14	74

W**Waste Disposal**

Bottles: controls on nonreturnable bottles have a slim chance of passing Congress this year	N	Aug	14	10
British Nuclear Fuels' new way to dispose of high-level radioactive wastes is in the works	N	Oct	30	31
Du Pont's Belle, W. Va. plant waste disposal: all Gulf Coast states are united against disposal in Gulf of Mexico	N	July	31	32
Permit to discharge chemical waste into the Gulf of Mexico denied	N	Oct	9	17
EPA may be reviewing Phase I effluent guidelines	N	Oct	9	63
EPA's facility to test oil and hazardous waste spill-control techniques	N	Oct	9	64
Galaxy's solvents plant in Little Elk Valley, Md.: NIOSH and EPA to study toxic pollution complaints	N	Aug	21	15
Maryland bans chemical waste dumping	N	Sept	4	14
Germany: Bayer's Brunsuettel complex: court overrules objections by nearby residents to proposals for waste and cooling water disposal	N	Sept	11	45
Goodrich's fluid-bed catalytic oxidation unit at Calvert City, Ky. plant destroys waste hydrocarbons, saves energy and recovers chlorine	N	Nov	6	31
Hazardous chemical spills: tough curbs planned	N	Sept	4	28
Hazardous materials handling see Shipping — Hazardous materials				
INDA's 3rd conference and exposition: "A Focus on the Future" is theme	N	Nov	6	27
Joint municipal-industrial treatment costs will be high: EPA considers tailoring standards to individual plants	N	Oct	9	27
Kaiser's Gramercy, La., alumina plant: bauxite filtration and storage system ends river discharge	N	Dec	4	39
Let's look at disposables — Viewpoint	N	Nov	6	5
— letter	N	Dec	11	5
N.J. suit against Exxon and ICI charges oil spills and leaks have created a synthetic "oil field" that is seeping into the water table at the edge of Lower N.Y. Bay	N	Oct	2	31
Reserve Mining discharges into Lake Superior: Supreme Court refuses request by Minnesota officials to strike down a stay of District Court order	N	July	17	24
Court vetoes company's plan for on-land disposal	N	Aug	14	14
Solution appears near: new on-land site for disposal considered	N	Sept	4	13
Justice Dept. urges high court to ban Reserve Mining discharges	N	Oct	16	20
Another day in court	N	Oct	23	24
On-land disposal site sought	N	Nov	27	20
Reservoir will hold sludges from Bruce Mansfield power station at Shippingport, Pa., on the Ohio River	N	Nov	20	67
Shell will test incineration at sea to dispose Deer Park, Tex., plant's chlorinated hydrocarbon wastes	N	Oct	9	63
Ship, "Vulcanus" — Incinerator to incinerate chlorinated hydrocarbon wastes in the Gulf of Mexico	N	Oct	23	24
Solid-waste disposal bills could have far-reaching effects on packaging	N	July	31	13
UC unearths contaminants seeping into water supply of Dover Township, N.J.	N	Aug	7	20
Dover Township, N.J. residents class-action suit	N	Oct	30	14
Vermont-International Paper settle pollution suit out of court	N	Oct	2	14

Waste Treatment

Bio disc system will reduce biological oxygen demand in waste discharges at Du Pont's Chattanooga, Tenn., textile fibers plant	N	Dec	11	58
Chlorine "priority" for water, sewage treatment units asked by EPA	July	3	9	
Detroit Metro Water Dept.'s River Rouge plant will install world's largest pure oxygen waste-water treatment system	N	Oct	16	39
Friendswood Development will discontinue use of groundwater in waste treatment	R	July	3	13
Joint municipal-industrial treatment costs will be high: EPA considers tailoring standards to individual plants	N	Oct	9	27
Ion exchange, reverse osmosis recover metal-plating chemicals, tests at API and Kodak	Sept	25	41	
Kaiser's Gramercy, La., alumina plant: bauxite filtration and storage system ends river discharge	N	Dec	4	39
Municipalities tackle problem of removing phosphates from wastes	Aug	21	37	
Oxygen makers scramble for "established" waste treatment market	Dec	18	41	
Packaging hazardous wastes in plastic before using it for landfill will prevent the material from leaching into the ground: Sealo-safe, a mechanical-chemical polymerizing process	N	Nov	20	63
Secondary treatment: closed-cycle system uses pyrolysis to make activated carbon from primary sludge	July	10	27	
UC and Biospherics sign license agreement on Phostrip process	R	July	10	16

Waste Utilization

Aq-MET expands in recycling of metals, PVC and polyester	Nov	6	21
Cellulose waste looking better as possible source of chemicals	July	31	33
— letter	Sept	4	5
Dried plant material may become an important source of electric power	July	17	29
Ethanol from municipal waste pilot plant planned by Gulf Oil and Black Clawson Fibreclaim	Oct	23	61
Goodrich's fluid-bed catalytic oxidation unit at Kentucky plant destroys waste hydrocarbons, saves energy and recovers chlorine	Nov	6	31
Methane from manure: feedlot operator sets project	July	3	13
Municipal waste conversion into synthetic fuel oil by a new process may find work in Japan	Nov	20	64
Packaging hazardous wastes in plastic before using it for landfill will prevent the material from leaching into the ground: Sealo-safe, a mechanical-chemical polymerizing process	Nov	20	63
Pfizer to find profitable use for fermentation waste from its Groton, Conn., plant	Nov	20	45
Processes for recovery of energy by pyrolysis of solid wastes seem about ready to pay off for the CPI	Dec	11	53
Recycling is the key to increasing the aluminum industry's supplies, Reynolds Aluminum's D.P. Reynolds tells AA annual meeting	Nov	6	22
Reynolds' aluminum recycling program expansion	Nov	27	22
Rohm & Haas' process to recover phenol from waste streams is looking for work	Nov	27	43
Tax break for recycling of certain scrap materials is in the works	Oct	9	10
Xylose and glucose recovered from wood at Swiss pilot plant	Oct	2	31

Water Pollution

Dover Township, N.J., residents class-action suit alleges that UC chemical wastes contaminated their water supply, causing the state to condemn their wells	Aug 7-20	Oct	30	14
EPA may be reviewing Phase I effluent guidelines	N	Oct	9	63
Effluent guidelines have their day in court. Suits to modify guidelines will settle questions on controls industry must install	Oct	30	33	
Water effluent guidelines in doubt: Washington seminar on "The Federal Water Pollution Act — EPA Implementation and Enforcement"	Nov	20	21	
EPA report on New Orleans and other communities' water supplies shows amounts of cancer-causing chemicals	Nov	13	18	
Safe drinking water has become a federal case: States will administer new regulations that may exceed PHS standards under bill spurred by furor over carcinogens in water supplies	Nov	27	46	
First national safety standards likely to become law	N	Dec	11	27
Friendswood Development pays water pollution fine	R	July	3	13
Galaxy Chemical's solvents plant in Elk Valley, Md.: NIOSH and EPA to study toxic pollution complaints	Aug	21	15	
Maryland bans chemical waste dumping	Sept	4	14	

Germany: Bayer's Brunsuettel complex: overrules objectives by nearby residents to proposals for waste and cooling water disposal	N	Sept	11	45
Hazardous chemicals spills: tough curbs planned		Sept	4	28
Hazardous materials handling see Shipping — Hazardous materials				
Kaiser's Gramercy, La., alumina plant: bauxite filtration and storage system ends river discharge	N	Dec	4	39
Municipalities tackle problem of removing phosphates from wastes		Aug	21	37
Oil spills				
EPA's facility to test oil and hazardous waste spill-control techniques	N	Oct	9	64
"Fingerprints" trace spill culprits" — letter		Aug	28	5
N.J. suit against Exxon and ICI charges oil spills and leaks have created a synthetic "oil field" that is seeping into the water table at the edge of Lower N.Y. Bay	N	Oct	2	31
University of Pennsylvania report says uniform water pollution control laws waste billions of dollars	N	Nov	20	63
Vermont-International Paper settle pollution suit out of court		Oct	2	14
WPCF's Conference: The Federal Water Pollution Control Act Amendments of 72 draws flood of complaints		Oct	16	37

Water Supply

Chlorine "priority" for water, sewage treatment units asked by EPA	July	3	9	
EPA report on New Orleans and other communities' water supplies shows amounts of cancer-causing chemicals	Nov	13	18	
Carcinogens in drinking water furor providing the impetus for federal standards	Nov	27	46	
First national safety standards likely to become law	N	Dec	11	27
Silver-impregnated filter system win water purification jobs	Aug	7	37	
UC unearths contaminants seeping into water supply of Dover Township, N.J.	Aug	7	20	
Residents of Dover Township, N.J. file class-action suit	Oct	30	14	

Water Treatment

Detroit Metro Water Dept.'s River Rouge plant will install world's largest pure oxygen waste-water treatment system	N	Oct	16	39
Oxygen makers scramble for "established" waste treatment market		Dec	18	41
UC and Biospherics sign license agreement on Phostrip process	R	July	10	16
Waxes — Production surveys for polishes, finishes, cleaners and disinfectants released at CSMA meeting		Dec	18	22
Weber, Walter O. — Midland-Ross' v-p: He knows how to get things done in a hurry		Oct	30	40
Welding — Hot tapping methods for welding connections onto operating pipelines	N	Dec	4	39
Wheat — Hybrid wheat: Big new outlet for fertilizers? (charts)		Aug	28	11

Women

CPI firms seek painless path for bringing women into management	Aug	7	15
— letters Aug 28-5	Oct	2	5
A woman is a person — Viewpoint	Oct	7	5

Wood

Arkansas Louisiana Gas shutting down plywood manufacturing operations at Gurdon, Ark.	R	Nov	27	22
"Fiber orientation" process: wood may give plastics new competition	N	Aug	7	24
International Paper acquires timberlands	R	Nov	27	22
Sept 18-24, Sept 25-18	N	Nov	27	22
Plywood: Potlatch plans automated mill for Lewiston, Ida.	R	Sept	25	19
Plywood outputs slumps	Sept	11	21	
Soil fumigants are "remarkably effective" in stopping decay of wood utility poles, studies at Oregon State University suggest	N	Sept	25	39

X

Xylene — Organic chemicals production: U.S. Tariff Commission report	Nov	20	48
Xylose — Glucose and xylose recovered from wood at Swiss pilot plant	N Oct	2	31

Y

Yugoslavia — Polystyrene joint venture insured	R	Aug	14	47
--	---	-----	----	----

Z

Zachary, Louis G. of Union Camp: He struck profit gusher in tall oil	Aug	7	42
Zaire — Copper shipments trimmed	Nov	27	20
Zambia — Copper shipments trimmed	Nov	27	20

Zarb, Frank G. — New choice to head FEA, has assurance of better policy coordination

Dec 4 18

Zinc

Allied may enter the zinc business N Oct 23 17
Engelhard plans electrolytic zinc plant at Bartlesville, Okla. R July 17 24
New Jersey Zinc plans expansions N July 17 17
Prices N July 17 39
Zinc Oxide — Prices N July 17 39
Zinc Sulfate — Products prices N Aug 21 19
Zirconium — FDA advisory panel questions safety of antiperspirants containing zirconium Dec 11 16
Zola, John C. — Multicolor paint is ready to enter new markets Oct 9 45
Inventor: Track star thrives as a loner Oct 9 72

Authors

Appelzweig, Norman
Will there be enough steroids? July 10 31
Burke, Donald P.
They're making a solid effort to get clean coal liquids Sept 11 38
Gibson, W. David & John Price
A new ball game for multinationals in the oiling Dec 18 29
Price, John & W. David Gibson
A new ball game for multinationals in the oiling Dec 18 29
Hixson, Joseph
Cancer chemotherapists find two drugs are better than one July 31 26
Kislin, Albert H.
French CPI growth recipe takes on Mideast flavor Oct 30 21

Winds of change give atom energy plants big push Aug 28 20
Layman, Patricia L.
Auto trimmings add drive to tape and label market Oct 16 29
Rivore, John & John M. Winton
Energy and the product mix Nov 27 29
Schwartz, Irvin
Energy policy: off in all directions Aug 14 53
Starr, Homer G.
CPI raises its bets on Mideast oil, gas and gold Sept 18 51
Winton, John M.
Mideast pulls chemical crowd July 24 31
— letter
Plant sites 1975: Social concerns are complicating the choosing Oct 23 33
Winton, John M. & John Rivore
Energy and the product mix Nov 27 29

Company Index

A

ABM Corp. — Tender offer for Bio-Dynamics shares Dec 4 19
AE&CI — Expansion program R Dec 11 39
South Africa banks on coal for chemical buildup (map) Sept 25 33
ALPEC — CIL plans LDPE plant in Alberta N Sept 4 9
API Industries — Reverse osmosis process to reduce toxic wastes in effluent Sept 25 41
Abbott Laboratories — Cyclamates: FDA wants more tests before cyclamates go back on store shelves Sept 18 22
Abbott makes a new pitch to FDA to get cyclamates back on market Nov 20 20
DES damage suit filed by Detroit-area residents Sept 25 18
Pharmaceutical Div. problems "now over" — Hennrichs tells security analysts in Chicago Nov 27 21
Aberdeen Petroleum — Acquired by Adobe Oil & Gas R Dec 11 15
Adobe Oil & Gas — Acquisition of Aberdeen Petroleum Dec 11 15
Adria Laboratories — Joint venture expects to gain federal approval for marketing its first drug, adriamycin, an antibiotic for cancer treatment; first of 10 drugs it hopes to get FDA approval July 3 12
Ag-MET, Inc. — Recycling of metals, PVC and polyester expansion Nov 6 21
Agrico Chemical — Ammonia plant in Okla. July 17-42 Aug 28 9
Anhydrous ammonia plants at Donaldsonville, La., planned N July 3 6
Fertilizer complex in Yosu, South Korea N July 3 6
Minority stockholders agree to change shares for shares of Williams Companies stock Aug 7 19
Air Products & Chemicals — Industrial gas prices N Aug 21 19
LNG-3 or Eurogas: contract for the world's largest plant awarded to a consortium of companies N Sept 11 15
Oases system: Detroit Metro Water Dept.'s River Rouge plant will install world's largest pure oxygen waste-water treatment system N Oct 16 39
Oxygen: 300-tons/day air gases plant at Conyers, Ga., planned N Dec 11 9
Airco Inc. — Airco Speer Carbon-Graphite Div.: expansion of carbon and graphite N Aug 21 9
British Oxygen's 35% stake in Airco is anticompetitive, FTC judge rules Nov 6 19
Industrial gases prices N Aug 21 19
Industrial Gases Div. plans air-separation plant in central Indiana to produce oxygen and nitrogen R Dec 18 21
Oxygen module unit at Wayne, N.J. Dec 18 41
Airwick Industries — Ciba-Geigy to boost shares to 100% July 31 15
Alco — Aims to parlay expansions, acquisitions into earnings gains Aug 14 43
VCM and PVC plants plans studied N Sept 11 25
VCM plant in Emswahlen N Oct 9-57 N Dec 18 17
Alco Zout Chemie — Permission from Dutch authorities sought to sell treated salt following ruling that eliminates water fluoridation Nov 20 59
Alzonia — Sales and earnings: second-quarter 74 July 17 21

Al-Aquitaine Exploration — Dropping efforts to acquire Thermal Power N Oct 2 9
Alaska Interstate Co. — Anlin Co. of New Jersey see under name
Alberta Gas Trunkline Co. — Refinery in Alberta N Sept 4 9
Albright & Wilson — New method of making aqueous polyphosphate solutions developed; first product, Kalipol 18, detergent builder N July 10 29
Alcan Aluminium Ltd. — Aluminum prices N July 17 39
Brazil: new source of bauxite Oct 9 15
Capital spending: top priority for smelter expansion Oct 9 15
Jamaican bauxite bargaining Oct 9 15
Alcan Ireland Ltd. — Alumina refinery near Limerick Oct 9 15
Alcolac Inc. — Anderson, Charles N., Jr.: He was trained to watch the bottom line Dec 18 55
Alcon Laboratories — Contact lens: "a lot of law suits" expected as a result of an agreement with Hydro Optics to develop a soft hydrophilic contact lens Sept 11 21
Allied Chemical — Ammonia plant in South Point, O., returning to full operation N Oct 23 67
Arsenic: OSHA studies possible link between arsenic processing and cancer N Sept 4 31
Study indicates inorganic arsenic compounds may be carcinogenic Sept 11 20
NIOSH recommends that a no-detectable limit be set for inorganic arsenic use in the workplace Nov 27 22
Certified food colors facility in Buffalo, N.Y. R Nov 27 22
Chlor-alkali prices N Sept 4 17
Dyestuff makers deny "criminal conspiracy" N July 24 9
Calina Industries files price fixing suit Sept 18 22
Dye makers ponder pleas Sept 25 18
Round two on dyes Oct 30 13
Reagent- and electronic-grade acids capacity at plants to be doubled R Aug 14 16
Sales and earnings: second-quarter 74 July 17 21
Third-quarter 74 Oct 16 22
Sykes at Philadelphia financial analysts: "Business remains 'very good'" Sept 25 17
Zinc business has distinct possibilities N Oct 23 17
Allied Chemical Canada — British Columbia petrochemical complex proposed N Aug 7 29
Allied Nuclear — Western Nuclear considers tender for shares R Aug 14 16
Allis-Chalmers — AEC will shut nuclear power plant Oct 2 13
Most plants given a clean bill of health N Oct 9 64
Aluminio do Brasil — Aluminum smelter and hydroelectric development project to be built near Belém Oct 2 25
Aluminium Pechiney — Joint venture in Marseille will exploit new alumina technology N Dec 18 40
Aluminum Co. of America — Aluminum prices N July 10-18, N July 17-39 N Sept 11 25
Australia's Redcliff project cost estimates tripled Sept 4 27
BPA contracts for conductor cable R Aug 21 15
Foil line dropped Aug 28 15
Jamaican bauxite bargaining Oct 9 15
Offers to increase revenues it pays for bauxite mined in the Dominican Republic R July 17 24
Smelting capacity of Badin, N.C. plant will be expanded July 17 22

Aluminum Co. of Canada — Aluminum prices N July 10 18
Joint venture in France will exploit new alumina technology N Dec 18 40
Aluminum Partners — Jamaican bauxite bargaining Oct 9 15
Alva-Tech Inc. — Nonsolvent urethane for coating fabrics Nov 27 35
Alaska Pipeline Service — Alaskan pipeline to boost crude oil capacity July 24 16
Alza Corp. — Dynapol Div.'s monellin sweetener Nov 6 37
AMAX Carbon Products — Acquired by INC N July 17 17
AMAX Exploration, Inc. — Geothermal development agreement R Aug 28 16
AMAX Inc. — International Minerals & Chemical acquires AMAX Carbon Products N July 17 17
Molybdenum mine near Denver shut down R Dec 11 15
Molybdenum plant in Rotterdam capacity to be doubled R July 17 35
Amerasia Hess — FTC will issue complaints against interlocking directorates July 3 12
American Can Co. — Study on container costs and cuts in energy use Nov 20 22
American Color & Chemical — Dyestuff makers deny "criminal conspiracy" N July 24 9
Dye makers ponder pleas Sept 25 18
American Cyanamid — Acrylonitrile prices N July 31 18
Additive, Accostrength 100 UK-A, to impart strength to dry, unbleached kraft linerboard will get expanded capacity Oct 23 17
Alphasize emulsions for the paper industry: plants at Springfield, La., and Mobile, Ala. R Oct 9 17
Committees develop conservation ideas, get workers interested by showing that management is concerned about energy costs Dec 4 40
Dyestuff makers deny "criminal conspiracy" N July 24 9
Calina Industries files price fixing suit Sept 18 22
Dye makers ponder pleas Sept 25 18
Round two on dyes Oct 30 13
Formica decorative laminates plant in Columbia, S.C. planned R July 31 15
Malathion and Abate to fight mosquitoes R July 31 14
Russia discusses barter deal for acrylic fibers plant N Sept 11 45
Sales and earnings: Sverdrup sees record sales and earnings for the company this year Dec 11 15
Standard Coated Products wall-covering plant in Buchanan, N.Y., is terminating manufacturing operations N Nov 27 22
Suture products 50-50 joint venture with Labs. Robert et Carriere R Oct 23 28
Tetracycline price fixing case: court clears drug firms July 3 12
Texaco buying out Cyanamid's 50% interest in Jefferson Chemical, and its subsidiaries N Nov 20 17
Titanium dioxide prices R July 17 39
American Enka — Textile and rayon yarn operations at Lowland, Tenn. unit to be phased out July 24 16
Textile workers lay off R Oct 30-14 Nov 13 15
American Hoechst — Fiber prices N Oct 30 19
Hoechst Fibers, Inc. made a division of the company and renamed Hoechst Fibers Industries R Nov 6 42

Port Arthur, Tex., complex cost estimates upped	R	Oct	9	17	Ashland Construction Co. — New division of Ashland Oil	R	Nov	27	22	Bendix Process Instruments Div. — Programmable gas chromatograph introduced at ISA show	Nov	6	33	
American Motors — Compact cars will feature luxury fibers, more glass and plastics	Sept	11	33	Ashland Oil — Ammonia joint venture in Donaldsonville, La.	Dec	4	18	Bethlehem Steel — Blackwelder at AISE meeting: nuclear reactors may provide the heat necessary to produce steel	Dec	4	43			
American Petroline — Dividend raised	R	Oct	23	28	Atkins reports to N.Y. analysts	Nov	13	18	Sparrows Point, Md. plant will pilot new technique for blast furnace coke plants	N	Aug	14	66	
American Smelting & Refining — Acquisition of Cement Asbestos Products from Mead's Woodward Div.	R	Oct	23	28	Sales and earnings: second-quarter '74	July	3	* 11	Better Living Laboratories — Portable water purifier featuring a silver-impregnated filter system kills coliform bacteria	Aug	7	37		
Metallic arsenic production starts in Tacoma, Wash.	N	Sept	4	9	Sets up a new division, Ashland Construction Co.	R	Nov	27	22	Bio-Dynamics — ABM Corp.'s tender offer	Dec	4	19	
American Technical Industries — Christmas trees (artificial) sales	Dec	18	20	Astra Pharmaceutical Products — Anesthetics for Honduras	Oct	9	16	Intent to merge Sterling Drug	Dec	4	19			
Amoco Chemicals — Ethylene: second plant in Chocolate Bayou, Tex., planned	Sept	4	14	Atlantic Richfield — Arco puts \$1 billion on line for chemicals	Oct	23	63	Bio-Gas of Colorado — Monfort project will make methane from manure	July	3	13			
Ethylene expansions can't keep up with demand (chart)	July	24	24	Refinery plans scrapped	Nov	27	21	Biospherics — License agreement with UC covers Prothrip process	R	July	10	16		
Isophthalic acid capacity doubled at Joliet, Ill., plant	Nov	13	9	Uranium enrichment: Centar Associates will make proposals for the nation's first gas centrifuge plant	Nov	13	39	Black & Decker Ltd. — Du Pont charges patent infringement in use of Teflon-like material	N	July	24	9		
Maleic anhydride plant in Joliet, Ill.	N	Aug	7	13	Atlas Powder — Explosives market entry with Aqualine	Oct	30	14	Boise Southern — Supervisory personnel reopen pulp and paper mill	R	Oct	30	14	
Maleic-xylene plant in Texas City, Tex., announced	N	July	24	9	Headquarters move from Wilmington, Del., to Dallas, home of Atlas' parent, Tyler Corp. planned	Sept	18	27	Borden Inc. — Columbus Coated Fabrics and six other defendants are the targets of damage suit filed by 56 employees who claim they suffered peripheral neuropathy as result of exposure to solvents	Sept	25	19		
Morrow, Richard M., president: Didn't take him long to learn about chemicals	July	10	40	ATO Chimie — LDPE plant for Iraq	Sept	18	27	Columbus Coated Fabrics plant strike settled; company will not move entire operation to Andover, Mass.	Nov	27	25			
Polypropylene capacity (table)	July	31	23	ATO Group — French CPI growth recipe takes on Mideast flavor — report, Albert H. Kisin	Oct	30	21	Methanol prices N Aug 7-35	N	Nov	20	45		
Terephthalic acid plant in the Southeast	R	Sept	18	24	Atomic Energy Canada Ltd. — Extracting heavy water from ammonia plants studied	July	3	27	Ohio meat wrappers bring suit over VC injury to packers	Aug	28	14		
Trying to sell consumer products part of its Packaging and Consumer Products Div.	N	July	24	23	Atomic Fireworks Co. — CPSC proposes a ban on firecrackers; other fireworks will not be affected	July	3	17	Sales and earnings: second-quarter '74	Aug	7	18		
Amoco Oil — Sugar Creek, Mo., refinery uses Merichem's Fiber-Film device to remove entrained droplets from two-phase systems	Sept	4	31	Automated Optics Co. — Contact lenses: Bausch & Lomb and three coplaintiffs charge AO with infringement of patents involving contact lenses	Sept	4	13	Sales in fiscal year	Oct	9	19			
Texas City, Tex. strike: union cites 36-hr workweek as issue	Aug	21	14	Autotrol Corp. — Bio disc system will reduce biological oxygen demand in waste discharges at Du Pont's Chattanooga, Tenn. textile fibers plant	Dec	11	58	Borg-Warner — Farmer at N.Y. security analysts reports sales for '74 are setting a new record	Nov	27	20			
Amorisco Portugal — Ammonia and urea joint venture plants in Sines, Portugal	Oct	16	35	Avco — Laser enrichment process for uranium	N	Aug	14	66	Boston Edison — Nuclear power slowdown	Aug	14	19		
Sulfuric acid joint venture with Nitrodes Portugal	Oct	16	35	Avvia Enterprises — Closone technique for novelty pieces	Dec	18	47	Braun's Ltd. — Champlevé method for enameling	Dec	18	47			
Anaconda Aluminum — Jamaican bauxite bargaining	Oct	9	15	Badger — Contract for Amoco metal-xylene plant in Texas City, Tex.	July	24	9	Brewer, C. & Co. Ltd. — Acquisition of Illinois Liquid Feed	R	Sept	18	24		
Anaconda Canada — Copper mine and concentrator operations in Britannia Beach, B.C., to be discontinued	Oct	16	24	BASF AG — Sales and earnings — first-half '74 N July 10-23	Sept	11	45	Bristol-Myers — Clairol Div.'s Luzier Cosmetics see under Luzier Cosmetics	July	3	12			
Anaconda Copper — Chilean claims settlement agreement	July	31	9	'74 nine months	Dec	11	41	Tetracycline price fixing case: court clears drug firms	July	3	12			
Copper mining and concentrating complex in Utah	R	Sept	18	24	Seefelder, Matthias chairman: He started late but finished a solid first	Nov	20	72	British Columbia Energy Corp. — Petrochemical complex proposed	N	Aug	7	29	
Copper prices	N	Oct	23	67	Steps in fiber and plastics beginning to cause concern about next year's sales growth	Dec	18	27	British Nuclear Fuels Ltd. — New way to dispose of high-level radioactive wastes is in the works	Oct	30	31		
Labor contracts: tentative agreement reached with eight unions	July	3	9	BASF Wyandotte — Dyestuff makers deny "criminal conspiracy"	July	24	9	British Oxygen — Arco: BO's 35% stake in Arco is anticompetitive, FTC judge rules	Nov	6	19			
Andean Development Corp. — Argentina and Bolivia will build pesticides plant in La Paz	Sept	25	31	Calina Industries files suit	Sept	18	22	British Petroleum — Acquisition of Netherlands' Trow International and Britain's Cooper Nutrition Products	Dec	4	35			
ANIC — Sales and earnings, 10 months in '74	Dec	11	41	Dye makers ponder pleas	Sept	25	18	Single-cell protein plant on Sardinia being built	N	Dec	4	35		
Single-cell protein plant on Sardinia being built	Dec	4	35	Barber Oil Exploration — Oil and gas exploration program in Texas	Oct	30	13	British Steel — Ethylene plant joint venture	R	Nov	6	42		
Anlin Co. of New Jersey — Sulfur recovery operations will be stepped up	Aug	7	13	Battelle's Columbus Lab. — Hot tapping methods for welding connections onto operating pipelines	Dec	4	39	Brunswick Timber Products — Acquired by Fiberboard	R	Sept	4	14		
Anlin of Illinois — Sulfur recovery to be boosted at refineries near Wood River, Ill.	Aug	7	13	Bausch & Lomb — Contact lenses: B&L and three coplaintiffs charge Automated Optics with infringement of patents involving contact lenses	Sept	4	13	Bufile Industrial — Services for terephthalic acid plant in Mexico	Dec	4	36			
Ansul Co. — Dover Chemical acquisition	R	July	31	15	Baychem — Calina Industries files price fixing suit against dye makers	Sept	18	22	Bulk Terminals — Chicago residents file suit over storage tank leak	July	3	13		
Apco Oil — Partner in Shell's refinery venture in Iran	Dec	4	20	Round two on dyes	Oct	30	13	Bunker Hill Co. — Lead poisoning probe at smelter in Kellogg, Ida.	Oct	9	16			
Applied Automation — Phillips Petroleum butadiene plant in Borger, Tex. placed under computer control	N	Aug	21	39	Chemagro Div. plans intermediate chemicals plant, pollution abatement and waste treatment facilities	July	24	16	Burroughs Wellcome — DES damage suit filed by Detroit-area residents	Sept	25	18		
Aquachlor — Calcium hypochloride at Kempton Park plant	R	Sept	18	47	Beatrice Chemicals — Sales and earnings — fiscal year	Oct	9	19	Cdf-Chimie — French CPI growth recipe takes on Mideast flavor — report, Albert H. Kisin	Oct	30	21		
Arad Chemical Industries — Chemical industry investment program	Sept	11	46	Bechtel — OCR-sponsored look at the costs of transporting synthetic fuels to the market place	July	31	15	Reorganization includes full ownership of Ugior	N	Aug	14	51		
Arac Chemicals, Inc. — Martin, Diane, vice president — letter	Oct	2	5	Saudi Arabian industrial zone plan	Sept	11	38	Technology and 15% share in Qatar ethylene complex	N	July	10	23		
Archer Daniels Midland — Soybean plant damaged by rail yard explosion in Decatur, Ill.	July	31	15	N July 31-9	Uranium Enrichment Associates see under name	Aug	7	14	CF Industries — Ammonia buyer from Donaldsonville, La., plant	Dec	4	18		
Arco Chemical — Ethylene expansions can't keep up with demand (chart)	July	24	24	Uranium enrichment project: Westinghouse withdraws from joint venture; AEC doing its best to keep Bechtel in the enrichment field	Oct	2	13	CPC International — Mercury mix-up leads to slaughter of many calves in Europe	Aug	7	22			
Ethylene plant in Channelview, Tex.	N	July	3	6	Bechtel International — Process converts cellulose into glucose that can be used to grow single-cell protein	July	31	33	Strikes hit four corn wet-milling plants	July	10	16		
Pitts, Paul R. at CMRA/CDA meeting	Sept	18	32	Becker Industries — Diversification: flirting with phenolics	July	31	15	CPC Sas van Gent — Mercury mix-up leads to slaughter of many calves in Europe	Aug	7	22			
Arco/Polymers — Polystyrene (expandable) plant in Beaver Valley, Pa., will be onstream late this year	N	Sept	4	17	Phosphate rock deposit in Florida	Aug	28	9	Cable Land Co. — International Paper acquires timberlands	Sept	18	24		
Polystyrene, expandable, prices	N	Sept	4	17	Acquisition completed	N	Sept	25	11	Cadillac Cable Corp. — Ag-MET's subsidiary	Nov	6	21	
Argonne National Laboratory — Battery research	Aug	28	28	Belcher Oil — Florida: Manatee County voters reject proposal for \$320-million refinery	N	Sept	25	11	Calgon — Activated carbon expansions at Catlettsburg, Ky. and Feluy, Belgium	N	July	17	17	
Argus Chemical — Epoxidized soybean oil prices	N	Aug	28	19	Beil & Howell — Eastman Kodak agrees to sell competitors advance data on new film products settling antitrust suit	July	17	24	California-Pacific Utilities — Oregon's ban on new hookups for natural gas will not immediately affect CPI firms in the area	Oct	9	19		
Arkansas Eastman — Organic intermediates and hydroquinone plant in Batesville, Ark.	N	Sept	11	15	Bendix — Launch Support Div. will undertake survey of VCM exposure in VCM and PVC plants	N	July	31	32	Calvert Exploration — Merged into Sun Calvert	R	July	7	19
Arkansas Louisiana Gas — Plywood manufacturing operations at Gurdon, Ark., shutting down	R	Nov	27	22										
Arkia Chemical — International Paper to purchase timberlands	R	Nov	27	22										
R Plywood manufacturing operations at Gurdon, Ark., shutting down	R	Nov	27	22										
Armstrong Cork — Asbestos precedent set in Supreme Court decision on Borel case	Oct	30	13											
Asahi Chemical Industry — Acrylonitrile fibers unit at Ballina, Ireland	Sept	18	45											
Executives are trimming their own pay as an example to their employees	N	Nov	13	29										
Sales and earnings: '74 six months	N	Nov	13	29										
Asahi Glass — Urethane polyol joint venture plant	N	Nov	27	37										
Asahi Synthetic Fibre Ireland — Acrylonitrile fibers unit at Ballina	Sept	18	45											
Ashland Chemical — Benzene prices	N	Aug	7	35										
Maleic anhydride plant will be built in Wayne County, W. Va. N Aug 7-13	R	Aug	14	16										
Von Doersten, Edward A., president: He traveled his way to the top	Aug	14	74											

Can Oil — Looking for a buyer for its 6.9% share in Petroleum tar sands project	Dec	18	20	Church & Dwight — Getting new-fangled with an old-time product	Dec	4	33	Discrimination decision by U.S. Supreme Court; company will pay back wages to male as well as female day-shift inspectors	Aug	14	16	
Canpotex Shipping Services Ltd. — Ocean freight and shipping brokerage firm set up on an alternative beginning to surface	July	17	17	Chrysler Corp. — Catalytic converters: Details on an alternative beginning to surface	Dec	10	29	Sales and earnings: second-quarter '74	July	3	11	
Carbonate (India) Ltd. — Calcium carbonate plant at Tarapur	R	Aug	14	Catalytic converters: first reformulated catalyst converter system for emission control	Oct	28	31	Corporacion Venezolana de Guayana — Japanese interests in Venalum aluminum smelter in Guyana reduced	N	Aug	14	51
Carey, Philip Corp. — Asbestos precedent set in Supreme Court decision on Borel case	Oct	30	13	Zola's multicolor finishes for interior trunk space	Oct	9	45	Cosden Oil & Chemical — Process that simultaneously polymerizes and emulsifies ethylene resin	Dec	11	37	
Cargill, Inc. — Evaporative salt plant in Hutchinson, Kan., expansion	R	Aug	21	Cia. Vale do Rio Doce — Aluminum smelter and hydroelectric development project to be built near Belem	Oct	2	25	Cotton, Inc. — Dilute sulfuric acid can remove lint from cotton seeds in new process	N	July	24	28
Caroldel Corp. — Polyester chip plant will be built in Fayetteville, N.C.	N	Aug	7	Iron ore pellet plant to get foreign investments	N	Aug	21	Cran Industries — European process. Foamax, to make flat urethane slab stock is drawing U.S. interest	N	Sept	4	31
Carolina Power & Light — Nuclear power slow-down	Aug	14	19	Ciba-Geigy Corp. — Acquisition of Fiberite Corp.	R	Aug	28	Crawford & Russell — Contract from Tenneco for conversion of Flemington, N.J. facilities	R	Aug	28	16
Carter-Wallace — Acquisition of North Simon's Denver Chemical	R	Dec	18	Airwick Industries' shares will be boosted to 100%	R	July	31	VCM emission control sought	R	Sept	18	66
Arid antiperspirant: FDA advisory panel questions safety of antiperspirants containing zirconium	Dec	11	16	Dyestuff makers deny "criminal conspiracy"	N	July	24	Crescent Lore Enterprise — Ammonia plants for Russia	R	Aug	14	47
Lambert Kay Div.: Dow's pesticide, fosphate will be used in flea collars	Aug	7	24	Calina Industries files price fixing suit against dye makers	Sept	18	2	LDPE plant for Iraq	R	Sept	18	37
Cascade Natural Gas — Oregon's ban on new hookups for natural gas will not immediately affect CPI firms in the area	Oct	9	19	Dye makers ponder pleas	Sept	25	18	LNG-3 or Eurogas contract for the world's largest plant awarded to a consortium of companies	N	Sept	11	15
Casnovae & Co. — North Sea oil ante up	Dec	11	13	Round two on dyes	Oct	30	13	Crompton & Knowles — Dyestuff makers deny "criminal conspiracy"	N	July	24	9
Cassella Farbwerke Mainkur — Sales and earnings	R	Sept	18	Diazinon: rise in Rocky Mountain spotted fever incidences causes widespread spraying of diazinon	July	17	23	Calina Industries files price fixing suit against dye makers	Sept	18	22	
Castle Chemical — Cement additives	July	10	19	Sales and earnings — first-half '74	N	Aug	7	Round two on dyes	Oct	30	13	
Catalytic Inc. — Contract for Dow Badische caprolactam plant in Calvert, Ala.	N	July	3	Tanner, Chas. S. purchased	R	July	10	Dye makers ponder pleas	Sept	18	22	
Celanese Corp. — Acetal and nylon resin prices	N	Sept	18	Cie. de Saint-Gobain Pont-a-Mousson — Certain-teed completes stock sale	R	Oct	16	Round two on dyes	Oct	30	13	
Acquisition of Whittaker's Narmco Materials Div.	N	Oct	23	Climax Molybdenum — Molybdenum expansion planned; supply	Oct	2	19	Dyes & Chemicals Div. — textile dye consumption will rise 4% in the U.S. next year, says Alcorn	N	Dec	18	35
Consents to injunction against selective disclosure of financial information	N	July	24	Molybdenum product prices	N	Sept	18	Crossford Pollution Services Ltd. — Sealsate, a mechanical-chemical polymerizing process	N	Nov	20	63
Elliott, Eleanor Thomas: Election to board completes search for female director	Oct	2	13	Coalcon Co. — Coal liquefaction demonstration plant planned	N	Oct	2	Crown Central Petroleum Corp. — Partner in Shell's refinery venture in Iran	Dec	4	20	
FPC's new natural gas pricing system will have little effect on CPI	July	3	11	Coast Pro-Seal — Acquired by Essex Chemical	R	Sept	4	Crown Zellerbach — Pulp facilities at Port Angeles, Wash. being modernized	R	July	17	24
Intermediate capacity expansion at Bishop, Tex.	Oct	16	13	Coathylene S.A. — Acquired by Celanese	R	Oct	9	Sales and earnings: second-quarter '74	July	17	21	
Methanol capacity additions at Bishop, Tex.	Oct	16	13	Coca-Cola Co. — Plastic bottles: Monsanto's Lopac will be used by the end of '74	Sept	11	37	Cutter Laboratories — First antirabies serum of human origin, Hyperab, okayed by FDA	July	3	12	
Methanol prices N Aug 7-35, N Nov 20-45	N	Nov	27	Monsanto's Cycle-Safe resin bottles named Easy-Goer	N	Dec	4					
Pentamethylol expansion at Bishop, Tex. R July 3-13	N	Oct	16	Colgate-Palmolive — Gels, baking soda seek share of dentifrice market	Sept	4	18					
Solutex Polymer acquires HDPE operations, including Deer Park, Tex., plant	N	Dec	4	Collier — Ammonia expansion	July	17	42					
N Oct 2-9	R	Dec	4	Colony Development Operations — Shale oil plant in Garfield County, Colo., construction suspended	Oct	16	24	DAP — VCM aerosols ban on	Oct	16	20	
Thermoplastic polyester resin prices	N	Aug	28	Columbia Nitrogen — Ammonia plant in Augusta, Ga.	R	Aug	14	DSM — Columbia Nitrogen see under name				
Celanese Canada — Polyester plant in Millhaven, Ont. expansion	R	July	24	Comalco — Aluminum complex for Philippines	R	Sept	18	Petrochemical expansion plans being firmed	N	Oct	9	57
Sales and earnings — third-quarter '74	N	Nov	13	Combustion Engineering — Contract with OCR for coal gasification process unit in Windsor, Conn.	R	Dec	11	VCM and PVC plants plans studied	N	Sept	11	25
Celanese Coatings — Acquisitions of Plast-Labor S.A. and Coathylene S.A.	R	Oct	9	W. develop a process for OCR to produce low-Btu gas	N	Dec	11	Dampson Ink & Chemicals — Sales and earnings — six-month period ended Sept. '74	N	Nov	27	37
Celanese Mexicana — Acrylate esters plant at Cosoleacaque, Vera Cruz	Dec	4	36	Commercial Solvents Corp. — Ammonia fertilizer plant in Sterling, La.	Aug	14	16	Dan River's Danville Div. — Sager, G.C. on fibers	Aug	21	20	
Celulosa y Derivados — Toluene diisocyanate plant in the Coatzacoalcas-Minutillan area	Dec	4	36	Dividend	R	Aug	28	Dart Industries — Polypropylene capacity (table)	July	31	23	
Cement Asbestos Products — Acquired by Asarco	Oct	23	28	Merger with International Minerals & Chemical may be approaching	July	10	14	Sales and earnings: second-quarter '74	July	17	21	
Central Associates — Proposals for the nation's first gas centrifuge plant	N	Nov	13	Compac Industries — Forget-Me-Not Water-sticks	Sept	4	14	Titanium trichloride prices	N	Oct	16	27
Certain-teed Products — Glass-fiber plant in Wichita Falls, Tex., construction halted	Dec	18	35	Conchemco — Detroit chemical coatings plant to be closed	R	Oct	23	Data General — Mini-computers looking for process industries work	Oct	9	64	
Stock sale to Cie. de Saint-Gobain Pont-a-Mousson completed	R	Oct	16	Consolidated Mining & Smelting Co. of Canada — Strike: prospects appear bright for a settlement	Sept	25	18	Davidson Associates — "Sweet Smell of Success" seminar and workshop on fragrances	Nov	20	61	
Chematron Corp. — Air gases prices	July	31	18	Consumers Power — Quincase nuclear station plans scrubbed	Aug	14	19	Dead Sea Bromines — Chemical industry investment program	Sept	11	46	
Gallagher at N.Y. Soc. of Security Analysts: Boosting profits with pigments and other specialties	July	10	16	Continental Can — Dividend	R	Oct	30	Dead Sea Perchlorate — Chemical industry investment program	Sept	11	46	
Phosgene and phosgene derivatives capacity addition at Lapeze, Tex. plant	R	July	3	Reciprocal buying charged	July	10	13	Dead Sea Works — Chemical industry investment program	Sept	11	46	
Chemical & Pollution Services — Acquired by UOP	R	Sept	18	Ultraviolet curing of can coatings: expansion can be jeopardized by compliance dates of Clean Air Act	Oct	2	36	DeBell & Richardson — "The Decline and Fall of Solvent-Based Adhesives" study	Oct	16	30	
Chemical Construction — Contracts to several U.S. equipment makers for components to be used in four ammonia plants for the USSR	Dec	11	39	Continental Oil — Alumina plant at Lake Charles, La., planned	July	17	22	DeKalb Ag-Research, Inc. — Hybrid wheat	Aug	28	11	
LNG-3 or Eurogas contract for the world's largest plant awarded to a consortium of companies	N	Sept	11	Consolidation Coal Co. Div. Blast furnace coke plants using a new process will be built in Japan and "other parts of the world"	Aug	14	66	Delta Air Lines — Suits filed against Exxon and FEA's Sawhill for government failure to enforce new aviation fuel guidelines	Aug	7	19	
Chemical Corp. of America — PE emulsions' market	Dec	11	37	Ethylene expansion can't keep up with demand (chart)	July	24	24	Denka — Chloroprene rubber plant site will be Eindhoven, Netherlands	Dec	18	17	
Chemical Design — Activated carbon absorption unit to control VCM emissions being installed at Tenneco's Pasadena, Tex., plant	Sept	18	66	Ethylene plant joint venture	R	Nov	6	Denver Chemical — Carter-Wallace to buy DC	Dec	11	21	
Chemical Engineering — Technical advisor for Bangladesh plant	Dec	11	41	Linear alcohol capacity boost	Oct	23	70	Derivados Sintetcos — Urethane plant in Nuevo Leon, Mexico, planned	Dec	4	36	
Chemical Leaman Tank Lines — IMC suspends merger talks	R	Nov	27	PPG dispute over natural gas supply settled	Nov	27	21	Deuterium Corp. — Patent battle with AEC over use of dual-temperature isotope-concentration system; company wins \$1,495,000 judgement	July	17	29	
Chemische Werke Huels — Sales and earnings: first-half '74	July	10	123	Refinery plans scrapped	N	Aug	21	Deutsch, Shea & Evans — Engineer/Scientist Demand Index	Dec	11	57	
Chemolimpex — U.S. pesticide sales to Hungary expected to increase	Nov	20	57	SNG: High-Btu. SNG starts flowing to homes in County Fife, Scotland	N	Aug	21	Nationwide survey finds technological job crunch is fast fading (chart & table)	Oct	9	12	
Chemisorb Inc. — Cement additives	July	10	19	Texas' tax on petroleum products could cost Texas Conoco's new oil refining and petrochemical complex	July	24	15	Deutsch Rhodiacta — Synthetic fiber makers (9) found guilty of price fixing will pay \$1.4-million fine	Nov	27	37	
Chessie Resources Inc. — Oil and gas exploration program in Texas	R	Sept	18	Cooper Laboratories — Ethyl Corp. purchasing shares	Oct	30	14	DeWitt & Co. — Benzene supply and demand forecast	N	Nov	27	37
Chevron Chemical — Dibrom 14 to fight mosquitoes	July	31	14	Health products lines receive purchase offer	R	Aug	21	Propylene outlook	Sept	18	31	
Impact statement smooths path of \$100-million refinery expansion approval by government, providing study that pulls no punches	Nov	13	40	Cooper Nutrition Products — Acquired by BP	Dec	4	35	Propylene supplies seen tight through 1975	Aug	28	19	
Chicago, Rock Island & Pacific Railroad — Merger into Union Pacific faces long haul	Nov	20	22	Copperweld Corp. — Forms a subsidiary, Copperweld Southern, to operate its Fayetteville, Tenn., copper clad aluminum wire plant	N	Nov	13	Diagnostic Data — Anti-inflammatory drug, Orgotein, to be produced in England	R	Aug	28	16
Chisso Corp. — Chiba prefecture government and Chisso will share cost of building houses for people who live near the PE plant at Goi that was damaged by an explosion and fire	N	Dec	18	Copperweld Southern — Formed to operate Fayetteville, Tenn., copper clad aluminum wire plant	N	Nov	13	Diamond Crystal Salt — Buys land for possible rock salt mine	July	3	10	
				Corning Glass Works — Asbestos precedent set in Supreme Court decision on Borel case	Oct	30	13	Sales and earnings: second-quarter '74	Aug	7	19	
								Diamond Shamrock — Battleground chlorine plant near Houston marks the first commercial use of a new expandable, dimensionally stable anode and modified diaphragm	Nov	27	45	
								Chlor-alkali prices	N	Sept	4	17

FTC will issue complaint against interlocking directorates	July	3	12	Dow Chemical Europe — Iranian venture to make petrochemicals and plastics	Aug	14	9	Sales: fiscal sales reporting system revamped	Nov	20	17
Manganese capacity at Chemetals Div. plant in Kingwood, W. Va. expansion	July	31	15	Dow Chemical of Canada — B.C. petrochemical complex proposed	Aug	7	29	Sulfuric acid prices	Nov	31	18
Polypropylene capacity (table)	July	31	23	Canadian governments trying to block approval of proposal to export ethylene	July	17	17	Tank car loaded with MMN explosion suspected source of rail-yard disaster in Washington	Aug	14	16
Sales and earnings: second-quarter '74 July 3-11	July	17	24	Petrochemical complex on Strait of Canosa possible	Aug	14	9	Teflon K can prevent dusting of powder with process from Harshaw Chemical	July	24	28
Third-quarter '74	Oct	16	22	Phenol expansion at Ladner, B.C.	Nov	7	9	Textile Fibers Dept.'s Baby at AMA says world population growth will boost man-made fiber consumption	Oct	16	35
Estimates and projections from Cash to Houston security analysts	Dec	18	20	Styrene-butadiene latex plant in Varennes, Que.	Aug	14	47	Titanium dioxide plant planned in Lisle, Miss., considering plant in Europe	Aug	14	24
Diamond Shamrock Canada — PVC plant planned	July	17	35	Dow Corning — One-component urethane adhesive introduced at NHS	Sept	4	14	N July 24-9, N Aug 14-23	Aug	14	24
Dictaphone Corp. — Gas detection systems	Dec	18	40	Silicon plant at Carrollton, Ky. slated	Aug	14	14	Edge Moor, Del. plant capacity to be upped	Aug	14	24
Digital Equipment — Microcomputers	Nov	13	35	Silicon product prices	Nov	17	39	Titanium dioxide prices	Nov	24	23
Distrigas — Algerian natural gas contracts getting tougher to obtain	July	10	10	Silicone prices N Sept 11-25	Nov	25	23	West Germany's fiber industry abbreviated workweeks are becoming the rule	Oct	23	55
Distugil — Rhone-Poulenc will take over PCUK interests	Aug	14	51	Surfactants prices	Nov	31	18	Wilmington, Del. real estate people angered by employee relocation policy	Aug	7	20
Dixilyn and Austral Oil — FTC will issue complaints against interlocking directorates	July	3	12	Dravo Corp. — Bethlehem's Sparrows Point, Md. plant to pilot new blast furnace coke technique	Aug	14	66	Du Pont Canada — Sales and earnings — first-half '74	Aug	7	29
Doan Associates — Doan, Herbert D. He helps get small firms off the ground	July	31	36	Calcium-based additive causes slurry to set up after several days into a clay-like material	Nov	20	67	Third-quarter '74	Nov	13	29
Dominion Fertilizer — Sulfuric acid plant in Seadown, New Zealand	Dec	18	27	Dravo-Lurgi — Technology for Inland Steel's taconite pellet plant	Sept	25	19	Du Pont (Deutschland) GmbH. — Sales and earnings 1973	July	17	35
Donau-Chemie — Rhone-Poulenc will take over PCUK interests	Aug	14	51	Dr-Print Foils — Acquired by Beatrice Foods	July	31	15	Duval — Sulfur prices	Nov	31	18
Doric Scientific — Digital temperature indicators unveiled at ISA show	Nov	6	33	Dunlop Canada — Firestone T&R will purchase 100%	July	17	24	Dynacron — Hydrocarbon Research see under name			
Dover Chemical — Acquired by Ansul Co.	July	31	15	Dunlop Holding Ltd. — Firestone T&R will purchase 100% of Dunlop Canada	July	17	24				
Dow Badische — Acrylic fiber capacity at Williamsburg, Va. plant to be increased	July	24	16	Duperial — ICI consolidates all operations in the Americas into ICI Americas	Nov	7	31				
Caprolactam plant in Calvert, Ala. planned	July	3	19	Du Pont — Acrylonitrile prices	Nov	7	31				
Fiber prices	Oct	30	19	Aluminum chloride and aluminum sulfate prices	Oct	9	53				
Dow Chemical — Acquires acres near Freeland, Mich.	Nov	6	20	Apparel fiber prices	Nov	7	35				
Ag-Organic Dept.'s general manager Robert Naegle: Behind jokes, this salesman is all business	Nov	27	56	Applied Technology Div.'s "cookbook" method teaches managers, technicians statistical approach in finding answers to chemical questions	Oct	16	41				
Antifreeze market	Oct	9	59	Belle, W. Va. plant waste disposal: all Gulf Coast states are united against disposal in Gulf of Mexico	July	31	32				
Arsenic: OSHA studies possible link between arsenic processing and cancer	Sept	4	31	Permit to discharge chemical waste into the Gulf of Mexico denied	Oct	9	17				
NIOSH recommends that a no-detectable limit be set for inorganic arsenic use in the workplace	Nov	27	22	Biogas system will reduce biological oxygen demand in waste discharges at Chattanooga, Tenn., textile fiber plant	Dec	11	58				
Bromine capacity boost	Nov	27	26	Bond offering: first U.S. public bond offering since 1921	Nov	13	9				
Bromine prices	Oct	23	67	Carpet nylon prices	Sept	11	25				
Capital spending in 1974 and 1975 will be higher	Aug	14	9	Dalar polyester resin to be used in Pepsi-Cola's plastic bottles	Dec	4	29				
Caulsotic soda prices	July	24	23	DMT plant in Old Hickory, Tenn., shut down	Nov	27	13				
Cement additives	July	10	10	Dyestuff makers deny "criminal conspiracy"	July	24	9				
Chlor-alkali plant in Japan faces opposition	Sept	18	37	Calina Industries files price fixing suit against dye makers	Sept	18	21				
Deraiment of tank car containing ethylene glycol n-butyl ether near Petone, Ill. causes evacuation of residents	Aug	14	16	Dye makers ponder pleas	Sept	25	18				
Ethylene expansions can't keep up with demand (chart)	July	24	24	Round two on dyes	Oct	30	13				
"Fuels" refinery near Freeport, Tex. decision soon N Sept 11-15	Sept	18	17	Ethylene expansions can't keep up with demand (chart)	July	24	24				
General Crude Oil merger talks Aug 21-13, Aug 28-13, Sept 11-19	Sept	18	24	Expansion plants at Memphis, Tenn.	Oct	23	28				
Dow drops out of bidding; IP plans to consummate acquisition	Oct	16	13	Fiber makers trim output to ride out textile slump	Dec	4	31				
IP moves a step closer	Nov	13	16	Fiber optics material, PFX, that is a better transmitter	Dec	11	57				
Glennmede Trust will sell GCO stock to IP	Dec	4	19	Fiber prices	Oct	30	19				
Germany: Stated expansion gets go-ahead	July	31	21	Freon 113 and 114 production at Corpus Christi, Tex., complex	Dec	4	29				
Gerstacker calls for the imposition of government-supervised voluntary wage-price controls as a means of combating inflation	Sept	25	19	Inventories put on LIFO basis; third-quarter dividend raised	Aug	28	9				
Graft copolymers, "super slurpers," vie for use in disposables	July	24	21	Kevlar makes debut as a tire belt	Sept	25	23				
Gulf Coast hydrocarbon feedstock and energy refinery project	Sept	25	17	Lead alkyl prices N July 3-19, N July 10-18	Aug	28	19				
Hydroscience Associates see under name Klomparsen, Alden J. at CMRA/CDA meeting	Sept	18	32	Methanol, formaldehyde, methylamines prices N July 31-18, N Nov 6-25, N Nov 20-45	Nov	27	25				
MacCuthcheon discusses accident-prone employees at MCA safety seminar	Sept	18	21	Mexican hydrofluoric acid plant	Dec	4	36				
Magnesium plant will be based on modified present technology	Oct	23	17	Moca, 4,4'-methylenebis(2-chloro aniline): PMA asks court to set aside worker exposure standards	Oct	30	14				
Midwest plans will include ethylene	Sept	18	17	Nylon-6/6 prices	Sept	18	31				
Midland complex's strike may be over	Sept	4	9	OCITA's Dawson: Access to materials is top CPI concern in '75 trade negotiations	Nov	13	16				
Labor settlement could set pay pattern for '74 contracts July 24-26	Sept	18	21	Partial deregulation of surface transportation being pushed	Nov	27	14				
OCR contract to evaluate three processes for suitability in providing chemical feedstock	Sept	11	38	Patent infringement suit in use of Teflon-like material against Black & Decker, Ltd. and Whitford Plastics Ltd.	July	24	9				
Our Tivornica Doki see under name				Plastics Dept. — Haskell Labs developing more economical carcinogen screening techniques for chemicals	Dec	11	57				
Partial deregulation of surface transportation being pushed	Nov	27	14	Plastics expansions: PE-based ionomer resins plant at Orange, Tex.; Aldyl A PE pipe unit at Santa Maria, Calif. and polyamide resins unit at Wilmington, Del.	Dec	11	9				
Pesticide, fospirate, will be used in flea collars	Aug	7	24	Pollution controls: company will spend \$175 million in '75	Nov	27	43				
Plant to formulate 1,2-dibromo-3-chloropropene pesticides will be built in Magnolia, Ark.	Oct	9	9	Polyester and polyimide film prices	Aug	14	23				
Plaquerme, La. ethylene plant shut temporarily due to fire caused by electrical power failure	July	31	18	Polyester materials for the beverage market	Sept	11	37				
Plaquerme, La., plant expansion program	Sept	4	14	Radiator chemicals survey at CSMA meeting	Dec	11	22				
Polyethylene prices N July 31-18	Aug	28	19	Russia discusses barter deal for acrylic fibers plant	Sept	11	45				
Polystyrene plant in Thailand	Dec	11	39	Safety records at Kingston, N.C., synthetic fibers plant and Richmond, Va., film plant	Sept	11	36				
Rumanian project considered	Oct	2	25	Sales: Estimates and projections, from Shapiro to San Francisco security analysts	Dec	18	20				
Styron polystyrene and ABS expansions planned	Aug	7	19								
Vinylidene chloride: Italian reports suggest VIC may be carcinogenic	Oct	16	20								
Women: CPI firms seek painless path for bringing women into management	Aug	7	15								

Esso Chimica — Aliphatic solvents plant at Trecate to be built	Sept 25	31	Plant in Okla. will be joint venture with Agrico	Aug 28	9	Galaxy Chemical — Solvents plant in Little Elk Valley, Md.; NIOSH and EPA to study toxic pollution complaints	Aug 21	15
Esso Italiana — Aliphatic solvents plant at Trecate to be built	Sept 25	31	Anderson forecasts fertilizer shortages	Aug 7	35	Maryland bans chemical waste dumping	Sept 4	14
Lube oil unit near the Rasim refinery in Sicily	Sept 25	31	Farmland Transportation — Railroads: not car shortages, but the under-utilization of them is the main transportation problem	July 3	12	Garrett Research & Development — Conversion of municipal waste into synthetic fuel oil by new process may find work in Japan	Nov 20	64
Essochem Europe — Ethylene capacity expansion at Cologne, W. Germany; PE plant at Meerhout-Vorst, near Antwerp to be built	Sept 25	31	Faserwerke Huels — Abbreviated workweeks are becoming the rule in West Germany	Oct 23	55	Flash-pyrolysis process will recover metals and glass and produce low-sulfur fuel oil for power generation	Dec 11	53
Estreito do Nordeste — Brazilian joint venture in plastics	Nov 13	9	Ferro Corp. — Fiber Glass Div. will convert its marble-melt-process plant in Nashville, Tenn., to electric melt	Oct 23	28	Gazcochem — 5% of Qatar ethylene complex	July 10	23
Ethyl Corp. — Acquiring shares of Cooper Labs	Oct 30	14	Fiber Industries — Fiber makers trim output to ride out textile slump	Dec 4	31	Oman deal to build two ammonia plants and form a national tanker fleet	Sept 25	31
Antiknock compound prices N July 17-39; N Sept 4-17	Oct 23	67	Laying off 900 workers at Shelby, N.C., and Greenville, S.C., plants	Nov 13	15	General American Oil — FTC will issue complaints against interlocking directorates	July 3	12
Bromine capacity boost	Nov 27	26	Fibrite Corp. — Acquisition by Ciba-Geigy Corp.	Aug 28	16	General American Transportation — Terminals Div. raises its storage capacity	Nov 13	23
Detergent-range alcohols buildup	Oct 23	70	Fibras Sinteticas — Polyester filament yarn plant on stream	Aug 4	47	Saint Vrain HTGR reactor in startup phase	Aug 14	19
Lead alkyl prices N July 3-19	July 10	18	Fibreboard Corp. — Acquisition of Yuba River Lumber and Brunswick Timber Products	Sept 4	14	General Automation — Microcomputers	Nov 13	35
Lead-n-gas: EPA hasn't demonstrated health dangers, argues Ethyl	Sept 18	63	Calcium-silicate insulation plant near Grand Junction, Colo. planned	July 10	16	General Crude Oil — Merger proposals; International Paper deal off	July 17	21
Methylcyclopentadienyl manganese tricarbonyl to boost octane in nonleaded gasoline	Nov 6	35	Finn-Cal Sugar Co. — To market fructose throughout North America	Nov 6	37	Dow makes tender offer	Aug 21	13
System for reducing automotive tail-pipe emissions without taking lead out of gasoline may be back in business	Sept 4	15	Firestone Plastics Co. — OSHA-sponsored economic impact report on VC standard spurs controversy	Sept 18	22	IP tries, tries again	Aug 28	13
Details are emerging	Nov 20	63	PVC plant adjacent to existing Perryville, Md. unit: construction begins	Aug 28	15	Dow drops out of bidding; IP plans to consummate acquisition	Oct 16	13
West Carrollton, O. paper mill sold to Falls Paper	Aug 21	15	Firestone Tire & Rubber — LIFO for domestic inventories reduces earnings in the fiscal year	Dec 18	21	IP moves a step closer	Nov 13	16
Exxon — Coal-gasification pilot plant construction in Baytown, Tex., to be deferred	Dec 4	39	Firstone Tire & Rubber — LIFO for domestic inventories reduces earnings in the fiscal year	Dec 18	21	Glennmed will sell GCO stock to IP	Dec 4	19
Delta Air Lines files suit for failure of government to enforce new aviation fuel guidelines	Aug 7	19	201-series steel belted bias tires meet requirements for Federal Motor Vehicle Safety Standard 109 says company	Sept 25	23	General Dynamics — Acquisition of World Southern's Charleston, S.C., facility from Pittsburgh-Des Moines Steel	Dec 11	15
Esso Chemical Inc. see under name	July 3	6	Firstone Tire and Rubber Co. of Canada — Will purchase 100% of Dunlop Canada	July 17	24	General Electric — AEC will shut 20 nuclear power plants GE built to test for cracks	Oct 2	13
Ethylene unit in Baytown, Tex., considered	Aug 14	66	First Mississippi Corp. — Ammonia plant at Donaldsonville, La.	Nov 13	9	Most plants given a clean bill of health	Oct 9	64
Laser enrichment process for uranium	Oct 2	31	Fish Engineering — Contract for natural gas plant for Argentina's Bahia Blanca complex	Nov 20	57	Battery research	Aug 28	27
N.J. suit charges oil spills and leaks have created a synthetic "oil field" that is seeping into the water table at the edge of Lower N.Y. Bay	July 31	23	Fisons — Diagnostic Data's anti-inflammatory drug, Orgotren, to be produced in England	Aug 28	16	Japanese technology is available in "New from Japan," a biweekly report series	Sept 18	63
Polypropylene capacity (table)	Nov 20	23	Fertilizer prices	Aug 7	29	Nuclear deal: GE pulls out of a joint venture with Exxon Nuclear	Oct 2	13
President Garvin Jr. at N.Y. investment specialists meeting	Nov 6	23	Flexible Contact Lens — Contact lenses patent suit against Automated Optics	Sept 4	13	Polishes survey	Dec 11	22
Puerto Rican nationalists suspected in N.Y. headquarters bombing	Oct 2	13	Florida Gas Exploration Co. — Oil and gas exploration program in Texas	Sept 18	24	Polycarbonate sheeting Lexgard: one is bullet-resistant, the other item is dubbed Security Sheet	Oct 2	37
Exxon Nuclear — GE pulls out of uranium enrichment joint venture	Oct 2	13	Fluor Corp. — Contract from OCR to revamp the Cresap, W. Va. plant to make it capable of piloting a variety of liquefaction processes	Sept 11	38	Silicone prices N July 24-23, N Sept 11-25	Sept 25	23
Exxon Research & Engineering — New system for measuring density of LPG and LNG in large storage tanks	Dec 4	39	Foot Mineral — Accused of dividing world markets for lithium products	July 10	13	Space Sciences Lab. — MHD efficiency is climbing	Oct 9	64
Patent infringement of PP catalysts patents charged against Toho Titanium	July 24	28	Barrett, Wayne T. president and chief executive officer. A researcher who found the profit formula	Sept 11	56	General Mills — Graft copolymers, "super slurpers" vie for use in disposables	July 24	21
Patent suit with Novamont cleared up; Novamont to license two PP catalyst patents	July 24	28	Newmont Mining makes tender offer for stock	Aug 28	14	Sales and earnings — fiscal year	Oct 9	19
			Ford Motors — Auto makers aim to cut catalytic converter costs	Oct 30	27	General Motors — Auto makers aim to cut catalytic converter costs	Oct 30	27
			Compact cars will feature luxury fibers, more glass and plastics	Sept 11	33	Compact cars will feature luxury fibers, more glass and plastics	Sept 11	33
			Formico Interests — Blast furnace coke plants using a new process will be built in Japan and "other parts of the world"; technique will be tested at Bethlehem's Sparrows Point, Md. plant	Aug 14	66	General Public Utilities Corp. — Private utility favors federal uranium enrichment corporation	July 31	13
			Fosfatos de Bu Craa — Spain will probably go along with any move initiated by Morocco to raise phosphate rock prices	Dec 11	31	General Tire & Rubber — Sales and earnings: second-quarter '74	July 3	11
			Foster Grant — Brazilian joint venture in plastics	Nov 13	9	Georgia-Pacific — "Fiber orientation" unit planned	Aug 7	24
			Foster Wheeler — Licensee of Stamcarbon process	July 17	28	Sales and earnings: Record year for G-P	Oct 9	17
			USBM's contract for coal-liquefaction plant using the Bureau's Synthol process	Dec 11	58	Germain Chemical Corp. — Recovering polyester plastic from photographic film	Nov 6	21
			Freeport Minerals — Sulfur prices	Nov 20	45	Gibbs Oil — New England Energy Co. see under name		
			Frisco — Noranda Mines purchases Oil's 38.5% equity in Frisco	Nov 20	17	Gibbs Petroleum — Oil refinery in Sanford, Me.; FOIL members suing town over rezoning procedure	Aug 14	16
			Friendswood Development — Bayport, Tex. will discontinue use of groundwater in waste treatment; pays water pollution fine	July 3	13	Glanzstoff AG — Synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	Nov 27	37
			Friszche Dodge & Olcott — Rogers, J.A., Jr., at 6th International Congress of Essential Oils	Sept 18	49	Glennmed Tire & Rubber — General Crude Oil merger talks July 17-21, Aug 21-23, Aug 28-31, Sept 11-19, Sept 18-24, Oct 16-13, Nov 13-16	Dec 4	19
						Good Hope Refineries — Ammonia expansions	July 17	42
						N July 3-6		
						Goodrich, B.F. Chemical — Fluid-bed catalytic oxidation unit at Calvert City, Ky. plant destroys waste hydrocarbons, saves energy and recovers chlorine	Nov 6	31
						PVC plant planned in Louisville, Ky. despite VCM controversy	July 17	20
						Services for Indian tire plant	July 17	35
						Stock offering	Nov 27	22
						VC: \$42 million will be spent to reduce VC exposure in plants	Nov 13	16
						Goodyear Aerospace — Constructs prototype of "the world's heaviest parachute" for space shuttle program	July 3	13
						Goodyear Tire & Rubber — Beaumont, Tex., polyisoprene plant fire and explosion take heavy toll	Dec 11	16
						Ohio meat wrappers bring suit over VC injury to packers	Aug 28	14
						Polyester monofunctional market	Nov 27	20
						Radials: Premium-priced radials use Kevlar instead of steel	Sept 25	23
						Reflective polyester powder coating called Flexclad used on guardrails installed by Texas Highway Dept. at Houston interchange	Aug 7	37
						Gould Inc. — Automotive Battery Div.'s new process for manufacturing dry-charge Dry-cell battery	Nov 13	36
						Catalyst for reducing nitrogen oxides in auto exhaust successfully tested in Japan	Sept 11	36

Grace, W.R. — Acquires Redrock	July	3	13
Acquisition of all outstanding shares of Red Barn Chemicals from Sun Ventures Div.	Dec	18	21
Acquisition of 70% of the shares of Polymus (Denver), an oil and gas producer and explorer	Nov	27	22
Acquisition of Transcontinental Oil planned	Sept	25	17
Agricultural Chemicals Group's group executive James J. Galvin: Business pro makes it to top in ag chemicals	Sept	4	40
Ammonia expansions N July 3-6	July	17	42
Cement additives	July	10	22
Coquillettes at Chemical Industry Assn. growth of the chemical industry and increased capital costs for new plants will smooth out supply-demand cycles and bring price stability, cites ethylene as an example	Nov	27	19
Coquillettes at Financial Analysts Federation: U.S. firms are brightest lights in glowing chemical future	Oct	16	19
Hypol hydrophilic urethane diisocyanate prepolymer can be made into foam simply by adding water introduced at INDA show	Nov	6	27
Larkin, Felix E. chosen by N.Y. Governor Wilson to head "Little Hoover" commission to study the efficiency of the N.Y. state government	July	31	14
Phosphate expansion at Bartow, Fla.	Dec	11	29
Phosphoric acid prices	Nov	27	25
Sales and earnings, second-quarter '74	July	10	15
Grain Processing Corp. — Graft copolymers, "super slurpers", vie for use in disposables	July	24	21
Granite City Steel — National Steel-GCS: '71 steel merger being restudied by Justice Dept.	Oct	9	10
Granite Oil — Refinery in the Rochester, N.H., area proposed	Oct	23	24
Grayson Associates — Davidson Associates' "Sweet Smell of Success" seminar and workshop on fragrances	Nov	20	61
Great Lakes Chemical — Bromine expansions N Sept 25-11, R Oct 9-17	Nov	27	26
Grimm, W.T. & Co. — Mergers reports July 17-21	Oct	16	22
Grow Chemical — Reciprocal buying charged	July	10	13
Grumbacher, M. — Artists colors	Dec	18	42
Guardian Chemical Corp. — Carbohydrate sweetener, Fruitalose, introduced	Nov	6	37
Guilford Mills — Develops new way to add flame-retardants to polyester warp-knit fabrics	July	17	29
Gujarat State Fertilizer — Ammonia-urea plant in Baroda planned	Aug	14	47
Gujarat Tyres Ltd. — Tire plant planned	July	17	35
Gulf + Western Industries — Monomer grafting joint venture	July	17	29
Gulf Interstate Engineering — Pipeline to move natural gas to Corpus Christi	July	3	6
Gulf Oil — Ethanol-from-municipal waste pilot plant planned	Oct	23	61
Ethylene expansions can't keep up with demand (chart)	July	24	24
Forms new energy resources development division, Global Energy Operations and Management	Aug	21	15
Nitro carbonitrile plant near Quinnesec, Mich. damaged by series of explosions	July	31	15
Refinery in Fort Arthur, Tex. revamping studied	Aug	28	9
Gulf Oil Canada — Study of possible routes for a pipeline to carry crude oil south from northern Canada	Oct	30	14
Gulf Resources & Chemical — Coal properties in Pennsylvania purchased	Sept	4	14
Gurdon Lumber Co. — International Paper acquires lumber mill	Sept	18	24

H

Haifa Basic Oils — Chemical industry investment program	Sept	11	51
Haifa Chemicals — Chemical industry investment program	Sept	11	46
Halcon International — Process for Oxirane's plants	July	31	9
Haldor Topsoe — Regeneration process may double or triple catalyst life in ammonia and hydrogen plants	July	31	32
Hamburg Tobacco Co. — Smoking material called RCN will go into limited production next year	Nov	20	63
Hammermill Paper — Earnings, second-quarter '74	July	10	15
Harris, Paul R. & Associates, Inc. — How much real profit growth? — letter	Oct	16	5
Harshaw Chemical — Strike still on	Aug	7	21
Teflon can prevent dusting of powder with new process	July	24	28
Harwick Chemical — Rubber Masterbatch Color's business purchased from Reichhold Chemicals	July	10	16
Hawkins Chemical — Absorption process to remove sulfur dioxide from stack gas getting pilot plant test	July	31	32
Health-Chem Corp. — Roach killer, plastic-layered tape, is first controlled-release pesticide	Aug	21	43

Henkel & Cie. GmbH. — Detergent maker developing plastic containing heavy concentrations of carboxyl groups that would attract dirt	Oct	23	61
Hercules, Inc. — Adia Laboratories, joint venture see under name	Nov	27	13
DMT production at Burlington, N.J., plant suspended	Nov	27	13
Fiber makers trim output to ride out textile slump	Dec	4	31
PE: high-molecular-weight PE resins	Nov	13	23
Polypropylene capacity (table)	July	31	23
Polypropylene conversion capacity additions	Aug	21	19
PP fiber production at Oxford, Ga., and Covington, Va., plants curtailed	Nov	27	13
Safety record at Magna, Utah, explosives plant	Sept	11	36
Stock offering	Aug	14	16
Terephthalates plant in Wilmington, N.C. resumes full production after fire	July	24	23
Women: CPI firms seek painless path for bringing women into management	Aug	7	15
Herculite Protective Fabrics — Insecticidal tape to kill roaches to be evaluated	July	3	27
Hercor Roach-Tape evaluation	Aug	21	43
High Voltage Engineering Corp. — Voltek, joint venture with Sekisui in the U.S.	Sept	18	47
Highland Resources — Ammonia joint venture in Donaldsonville, La.	Dec	4	18
Hihi Plastics — Japanese projects in Belgium	Sept	18	45
Hispanol — Sonatrach proposal would reopen talks for a supply program	July	31	21
Hoechst Fibers, Inc. — Made a division of American Hoechst and renamed Hoechst Fibers Industries	Nov	6	42
Hoffman-La Roche — Puerto Rican subsidiary planned	Dec	18	21
Valium, Librium: Germany's Cartel Authority orders to cut prices	Nov	6	42
Home Oil — Shelves plans to build synthetic crude installation	Dec	18	20
Hooker Chemical — Battery research	Aug	28	28
Chloro-alkali prices	Nov	6	20
Chlorine-caustic plant in Tacoma, Wash. expansion	July	31	14
Detergent phosphate prices	Nov	6	20
Hooker Chemicals & Plastics — Thiouyl chloride plant at Taft, La.	July	10	16
Horizons Research Corp. — Gerwin Chemical recovering polyester plastic from photographic film	Nov	6	21
Humko Sheffield Chemical — Kopald, S.L. Jr., president: He can sell chemicals and candidates	Aug	28	32
Hummel Chemical — CPSC proposes a ban on firecrackers; other fireworks will not be affected	July	3	17
Hunt, Philip A. Chemical — Motorola planning acquisition	Nov	6	20
Hydro Optics — Contact lens: Alcon Labs expects "a lot of law suits" as a result of an agreement with HO to develop a soft hydrophilic lens	Sept	11	21
Hydrocarbon Research Inc. — H-Coal process flowsheet — Coal liquefaction report, Donald P. Burke	Sept	11	38
OCR considering pilot plant using coal liquefaction process developed by Hydrocarbon Research	Aug	7	14
Hydroscience Associates — Oxygen wastewater treatment system	Dec	18	41
Reorganized	Dec	18	21

I

IMS International — Chemindex includes data on about 5,500 molecules	Oct	2	36
Illinois Liquid Feed — Acquired by C. Brewer & Co.	Sept	18	24
Imperial Chemical Industries — Consolidates all operations in the Americas into ICI Americas	July	3	22
Drugs: joint venture in Japan	Dec	11	39
Fertilizer prices	Nov	6	20
Naphtha: 40% cutbacks in existing contracts with oil companies sought	Dec	4	35
Nationalization in Great Britain fought	Nov	27	13
N.J. suit charges oil spills and leaks have created a synthetic "oil field" that is seeping into the water table at the edge of Lower N.Y. Bay	Oct	2	31
Sales and earnings: '74 first-half	Sept	18	47
'74 nine months	Dec	11	41
Synthetic tobacco cigarettes containing NSM will be test marketed	Aug	14	51
Wright, Rowland to take over management reins as chairman next April	Nov	6	29
ICI America — Carbon, activated, prices	Sept	11	25
ICI consolidates all operations in the Americas into ICI Americas	July	3	22
ICI Australia — Redcliff project cost estimates tripled	Sept	4	27
ICI-Pharma Ltd. — Formed: ICI and Sumitomo drug venture	Dec	11	39
ICI United States — ICI consolidates all operations in the Americas into ICI Americas	July	3	22
Imperial Tobacco — NSM, tobacco substitute	Aug	14	51

Improved Machinery Co. — Reaction-injection-molding equipment for processing urethanes joint venture	Nov	20	64
Indian Farmers Fertilizer Cooperative — Ammonia and urea plant at Kato	Dec	18	27
Industrial Bio-Test Laboratories — How they found vinyl-cancer link	July	17	30
Industrias Bakolar — Plastics joint venture with Foster Grant in Brazil	Nov	13	9
Inland Steel — Metallurgical coal mine at McLeansboro, Ill. to be developed	Nov	13	16
Taconite pellet plant in New Virginia, Minn. planned	Sept	25	19
International Business Machines — Magnetics bubbles in amorphous thin-film alloys	Nov	27	43
International Marketing Associates — Leaky Pipe, a rubber hose made of old tires	Sept	4	14
International Minerals & Chemicals — Acquires AMAX Carbon Products from AMAX Inc.	July	17	17
Acquisition talks with Chemical Leaman	Nov	27	22
Tank Lines suspended	Aug	7	19
Ammonia fertilizer plant in Sterling, La.	Nov	24	16
Lenon: '74 earnings boost came as surprise attributable to product demand	Sept	4	13
Merger with Commercial Solvents may be approaching	July	10	14
Potash capacity boost in New Mexico expansion of Canadian potash operation in Esterhazy, Sask. considered	Aug	21	19
Railroads: greater efficiency would do more than new cars to solve transportation problem	July	3	12
International Nickel of Canada — Acquisition of ESB-United Aircraft locked in bidding battle	July	31	12
Inco wins bidding duel Justice Dept. investigates	Aug	7	19
Nickel and nickel oxide sinter prices	Nov	10	18
International Paper — Acquisition of Arka Chemical's timberslands	Nov	27	22
Acquisition of timberslands from Cabe Land and lumber mill from Gurdon Lumber	Sept	18	24
Acquisition of US Steel's timberland in Mobile County, Ala. planned	Sept	25	18
Container Div. plans corrugated container plant in Russellville, Ark.	Sept	18	24
General Crude Oil merger talks July 17-21, Aug 21-13, Aug 28-13, Sept 11-19	Sept	18	24
Dow drops out of bidding: IP plans to consummate acquisition	Oct	16	13
Acquisition moves a step closer: Glanville Trust will be allowed to sell GCO stock to IP	Dec	4	19
Pollution case: Vermont-IP settle suit out of court	Oct	2	14
Sales and earnings: second-quarter '74	July	17	21
Third-quarter '74	Oct	16	22
Texarkana, Tex. pulp and paper mill expansion R Nov 20-24	Dec	4	19
International Systems & Controls — KHD-Pritchard GmbH see under name	Nov	6	20
Interprovincial Pipe Line — Sarnia-Montreal crude pipeline may be built	Nov	27	43
Ionics Corp. — Activated carbon impregnated with a silver complex for water purification systems	Aug	7	38
Israel Chemicals Ltd. — Chemical industry investment program	Sept	11	46
Israel Petrochemical Enterprises — Chemical industry investment program	Sept	11	51
Israel Styrene Polymers — Chemical industry investment program	Sept	11	51
Itoh, C. — Blast furnace coke plants using a new process will be built in Japan and "other parts of the world"	Aug	14	66
Investment in Brazilian iron ore pellet plant	Aug	21	23

J

Japan Exlan — Fiber executives are trimming their own pay as an example to their employees	Nov	13	29
Japan Gasoline — Dry process to remove 95% of nitrogen oxides from stack gas developed	Nov	24	28
Jefferson Chemical — Port Neches, Tex. facility to produce Diglycolamine-R and morpholine	Dec	11	15
Texaco buying out Cyanamid's 50% interest in JC, and its subsidiaries	Nov	20	17
Jersey Nuclear Avco Isotopes — Exxon-Avco laser enrichment process for uranium	Nov	14	66
Jet Propulsion Laboratory — Closed-cycle system uses pyrolysis to make activated carbon from primary sludge	July	10	27
Johns-Manville — Asbestos precedent set in Supreme Court decision on Borel case	Oct	30	13
Johnson & Johnson — Dividend raised	July	24	16

K

K.A. Steel Chemicals — Ferric chloride plant due onstream this week	Dec	4	19
KHD-Pritchard GmbH — Bulgaria contracts for PVC unit	Aug	7	19
Kaehlon Industry B.V. — Joint venture in Netherlands	Sept	18	45

Kaiser Aluminum & Chemical — Aluminum prices N July 10-18	N	July	17	39	Lancer Chemical — Acquired by Kewanee Oil	R	Nov	27	22	Mesa Petroleum — Ammonia joint venture in Donaldsonville, La.	Dec	4	18	
BPA contracts for conductor cable	R	Aug	21	15	Lawter Chemicals — Merger with Nalco Chemical falls through		Aug	7	19	Metalgesellschaft — Accused of dividing world markets for lithium products	July	10	13	
Erie, Pa., forging plant to increase production of fire extinguisher cylinders	R	Oct	30	14	Lever Bros. Co. — Gels, baking soda seek share of dentifrice market		Sept	4	18	Michalke — Workers put on short time	N	Oct	23	55
Gramerco, La., alumina plant: bauxite filtration and storage system ends river discharge	N	Dec	4	39	Puerto Rican nationalists suspected in N.Y. headquarters bombing		Nov	6	23	Michelman Chemicals — PE emulsions' market	Dec	11	37	
Jamaican bauxite bargaining Oct 9-15	N	Nov	27	19	Libbey-Owens-Ford — Glass workers laid off	R	Nov	27	22	Michigan Chemical — Girard, Theodore A. v.p. of R&D: He's rebuilt planes, autos and his firm		Sept	25	47
Ravenswood, W. Va., aluminum sheet plant modification	R	Sept	25	19	Sales and earnings: third-quarter '74		Oct	16	22	Midland Glass — N.J. Dept. of Environmental Protection suit: specify test procedures before enforcing air pollution control, says judge	N	Oct	30	31
Women: CPI firms seek painless path for bringing women into management		Aug	7	15	Light Smelter Assn. — Aluminum smelter and hydroelectric development project, joint venture in Brazil	N	Oct	2	25	Midland-Ross — Weber, Walter O. v.p.: He knows how to get things done in a hurry	N	Oct	30	40
Kanebo (Japan) — Sales and earnings, half-year		Dec	11	39	Lilly, Eli — DES damage suit filed by Detroit-area residents		Sept	25	18	Miles Laboratories — Citric acid plant planned in Dayton, O.	N	July	10	10
Kanebo-Europe — Japanese projects in Belgium		Sept	18	45	Pharmaceutical facilities expansion in Europe and Africa	R	Oct	30	14	Dome Labs. Div. — DES damage suit filed by Detroit-area residents		Sept	25	18
Kanegafuchi Chemical Industry — Sales and earnings — six-month period ended Sept '74	N	Nov	27	37	Sweeteners: amino acid derivative, D-6-chlorotyrosine		Nov	6	37	Minerac — Baltimore plant in Curtis Bay, Md. capacity boost	R	July	31	15
Kaneka-Belgium — Japanese projects in Belgium		Sept	18	45	Limburg Vinyl Maatschepij — VCM capacity upped	N	Oct	9	57	Minnesota Mining & Mfg. Co. — Flextride footwear materials get major promotional push	N	Oct	16	27
Kather, William Associates — Midwest chemical industry survey		Oct	9	16	Liquichimica — Scientific and technical research agreement with Russia	R	July	17	35	Skimmitt grease absorbing pads displayed at INDA show		Nov	6	27
Kawasaki Heavy Industries — Preheater cuts energy requirements for cement production		Sept	4	31	Liquid Air of North America — Oxygen plant in Spartanburg, S.C. planned	R	July	3	13	Tartan Turf: company will no longer bid on new installations of its turf	N	Oct	16	13
Kelco Co. — Riley, John T., president: Executive talent runs in the family		Dec	11	60	Little, Arthur D. Co. — Disposable market estimates		Nov	6	27	Miralin Corp. — Miraculin, new sweetener	N	Nov	6	37
Kellogg, M.W. — Blt. gas-from-coal plants prospects good with new fixed-bed process		Aug	7	24	Radiator chemicals survey at CSMA meeting		Dec	11	22	Mississippi Chemical — Potash reserve in Carlsbad, N.M. purchased from Teledyne		July	24	15
Molten-salt process converts heavy oils into ethylene and as much as 18% into propylene		Oct	16	42	Solar power study		Dec	18	38	Mitsubishi Corp. — Australia's Redcliff project cost estimates tripled	N	Sept	4	27
Natural gas will be preferred feedstock for ammonia production in North America and Europe until its price approaches \$1/ million Btus, say engineers at AIChE meet	N	Aug	28	31	Litwin, S.A. — Russian polystyrene plant	N	Aug	21	23	Contraceptive steroids from cholesterol process may go commercial	N	Aug	28	31
Technology for Monsanto's ammonia plant	N	Dec	18	17	Lockheed Missiles & Space Co. — Oil recovery system called Clean-Sweep	N	Dec	18	40	Conversion of municipal waste into synthetic fuel oil by a new process may find work in Japan	N	Nov	20	64
Technology for Russian ammonia plants	R	Aug	14	47	Lorza Ltd. — Borex to be marketed in Europe		Sept	11	37	Sales and earnings: '73	R	Sept	18	47
Kelly Oil — Potel, Mark D. v.p.: Former Marine has situation well in hand		Nov	6	48	Gamma-chloroacetate derivatives, DESS and DATA, looking for work		July	3	27	Technical assistance for Indian plant	R	July	17	35
KemaNord — PVC plant at Stockholm will try air-jet ventilation to protect workers from VCM exposure		Nov	6	35	Method for making fumed silica may be commercialized	N	Sept	25	39	Mitsubishi Gas Chemical — Sales and earnings — six-month period ended Sept. '74	N	Nov	27	37
Kensil Drilling — Acquisition of Pioneer Drilling	R	Aug	28	16	Lonzo — Synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	N	Nov	27	37	Xylenes separation process to be used in Amoco's meta-xylene plant	N	July	24	9
Kennecott Copper — Copper prices	N	Oct	23	67	Louisiana-Pacific — "Fiber orientation" process to be installed in Oroville, Calif. plant	N	Aug	7	24	Mitsubishi Petrochemical — Ethylene expansion plans delayed N July 10-23	N	Oct	9	57
North Carolina Phosphate Corp. see under name		Aug	14	16	Lurgi (Frankfurt) — Methanation step for fixed-bed process proved out	N	Aug	7	24	Yokkaichi Div. starts up detergent alcohol plant	N	Nov	13	23
Peabody Coal divestiture order: FTC denies petition for reconsideration		Aug	14	16	Lurgi Mineraltechnik — Bethlehem's Sparrows Point, Md. plant to pilot new blast furnace coke technique	N	Aug	14	66	Mitsubishi Plastics — Powder coatings plant will use Polymer Corp's know-how	R	Dec	18	27
Smelter process wrangle with EPA may clear air on controls		Aug	28	30	Luzer Cosmetics — Cook, Carol president: Direct selling led her directly to top		Oct	2	32	Mitsui Thailand: Mitsui-headed Japanese consortium pulling out of a petrochemical complex	N	Sept	11	15
Strike ending		July	24	14	M&T Chemicals — Antimony oxide prices	N	Oct	2	19	Mitsui Petrochemical Industries — Sales and earnings — six-month period ended Sept. '74	N	Nov	27	37
Kerr-McGee — Cimarron nuclear fuel plant at Crescent, Okla. Hazard charge probed		Nov	27	19	MK-RDA — Wood may give plastics new competition as result of "fiber orientation" process	N	Aug	7	24	Ukishima Petrochemicals see under name Mitsui-Texaco — Paraffins capacity expansion		July	17	35
FTC will issue complaints against interlocking directorates		July	3	12	Magma Inspiration — Copper prices	N	Oct	23	67	Mitsui Toatsu Chemicals — Hydroquinone: Upjohn's synthesis of hydroquinone may be commercialized in Japan N Nov 13-39		Dec	11	51
Francis, William J.F. president: He knows when to let others carry the ball		Oct	16	52	Makhteshim Chemical Works — Pesticides complex in Beersheva, Israel	R	July	17	35	Sales and earnings: six-month period ended Sept. 30, 1974	N	Nov	20	57
Titanium dioxide plant planned near Mobile, Ala.		Aug	14	24	Malco Products — Radiator chemicals survey at CSMA meeting		Dec	11	22	Urea process — letter	N	Oct	30	5
Titanium dioxide prices	N	July	17	39	Mallinckrodt Chemical — Acquires National Catheter Corp.	R	Aug	21	15	Mobay Chemical — Coatings Dept.'s urethane coatings in mass transit		Sept	25	26
Keveex — Solid-state detectors pinpoint concentration of wide range of elements in samples faster than conventional X-ray methods		Dec	4	43	Opium shortage in 75		Dec	18	21	Reaction-injection-molding equipment for processing urethanes' joint venture	N	Nov	20	64
Kewanee Oil — Acquisition of Lancer Chemical		Nov	27	22	Mallory, P.R. — Battery research		Aug	28	27	Thionyl chloride plant planned at New Martinsville, W. Va. N Aug 14-23	R	Aug	21	15
Ammonia joint venture in Donaldsonville, La.		Dec	4	18	Manheimer, J. Inc. — Manheimer estimates international essential oils industry		Sept	18	49	Verona Dyestuffs Div.: Dyestuff makers deny "criminal conspiracy"	N	July	24	9
Kimberly-Clark — New Jersey says K-C's Spotswood plant runs afoul of pollution code		Sept	11	20	Mannesmann Export — LNG-3 or Europag contract for the world's largest plant awarded to a consortium of companies	N	Sept	11	15	Calina Industries files suit		Sept	18	22
Terrace Bay, Ont. pulp mill expansion and modernization	R	Aug	7	19	Mapco, Inc. — Oil and gas exploration program in Texas	R	Sept	18	24	Dye makers ponder pleas		Sept	25	18
Klean-Kote — UC acquires patent rights and equipment of Klean-Kote process for cleaning pipelines by internal sand blasting	N	Nov	20	64	Marathon Oil — Stock dividend		Aug	14	16	Round two on dyes		Oct	30	13
Kobe Steel — Interest in Venalum aluminum smelter in Guyana reduced	N	Aug	14	51	Tertiary oil recovery may provide a big market for chemicals	N	Dec	11	32	Mobil Chemical — Ethylene expansions can't keep up with demand (chart)		July	24	24
Ostar steel venture	N	July	31	21	Marbon Chemicals Ltd. — Profits boosted	R	July	17	35	Mobil Oil — Marcor merger plans continue despite probe by Justice Dept.		Aug	14	15
Kop — Aquachlor see under name		Aug	14	23	Marcona Corp. — Slurry system for handling bulk materials, called Marconajet	N	Oct	23	61	Antitrust questions mount		Aug	21	13
Koppers Co. — Phthalic anhydride expansion at Chicago	N	July	17	17	Marcor — Mobil Oil merger plans continue despite probe by Justice Dept.		Aug	14	15	Takeover of Marcor will probably be challenged by antitrusters	N	Sept	4	10
Switches to LIFO inventory accounting	N	Nov	27	22	Antitrust questions mount		Aug	21	13	Modular Computer — 32k word core memory module unveiled at ISA show		Nov	6	33
Korf — Investment in Brazilian iron ore pellet plant	N	Aug	21	23	Marine Colloids — Stauffer would acquire MC		Dec	11	15	Mohawk — Radials, glass-belted	N	Sept	25	23
Kraftco Corp. — Humko Sheffield Chemical see under name		Aug	21	23	Martin Marietta — Martin Marietta Aluminum becomes wholly owned subsidiary	R	July	10	16	Molecule Research — Ultramicroporous open-cell material: Poroplastic competitor for microencapsulation and thin-skin membrane techniques	N	Nov	27	43
Kronos Titan GmbH — Titanium dioxide capacity at Nordenham, West Germany	N	Aug	14	23	Marubeni — Interest in Venalum aluminum smelter in Guyana reduced	N	Aug	14	51	Monfort of Colorado — Feedlot operator sets project to produce methane from manure		July	3	13
Krupp — Iran-Krupp agreement: Iran may buy U.S. chemical engineering and equipment firms	N	July	31	21	Master Builders — Cement additives		July	10	22	Monsanto Agricultural Products Co. — Formerly Monsanto's agricultural division		Dec	18	20
Will Iran-Krupp deal be model for Midwest's CPI investments?		Aug	7	33	Masterpiece Inc. — Christmas trees (artificial)		Dec	18	20	Monsanto Co. — Acrylonitrile prices	N	July	31	18
					Mayco Chemical — Smyrna, Ga. residents sue plant		July	3	10	Adiponitrile and hexamethylenediamine plants will be owned jointly with Montefibre, U.K.	N	Sept	18	31
					McKee, Arthur G. & Co. — Services for terephthalic acid plant in Mexico		Dec	4	36	Agricultural div. will become a full-fledged company, Monsanto Agricultural Products Co.: changes in corporate structure		Dec	18	20
					Mead Corp. — Corrugated-shipping-container plant at Lewisburg, Tenn.	R	July	17	24	Ammonia plant in Luling, La., planned	N	Dec	18	17
					McSwiney reports to N.Y. security analysts		Nov	6	22	Astro Turf installations increase	N	Oct	16	13
					Woodward Div. sells Cement Asbestos Products to Asarco		Oct	23	28	Capital expenditures for '75-'76	N	Nov	20	24
					Merck & Co. — DES damage suit filed by Detroit-area residents		Sept	25	18	Coca-Cola bottled in Lopac, nitrile plastic		Sept	11	37
					Opium shortage in 75		Dec	18	21	Cycle-Safe resin, formerly Lopac, to be used in Coca-Cola's bottles	N	Dec	4	29
					Merck Sharp & Dohme — DES damage suit by Detroit-area residents		Sept	25	18	Executives at Investment Analysts Society do not foresee severe price cutting in the petrochemicals and fibers industries		Dec	11	14
					Merichem — Fiber-Film device to remove entrained droplets from two-phase systems	N	Sept	4	31	Fiber makers trim output to ride out textile slump		Dec	4	31

Hanley and Kerley at St. Louis Society of Financial Analysts	Nov	20	23	New Jersey Zinc — Expansion program includes electrolytic zinc refinery near Clarksville, Tenn. and improvements at Palmerton, Pa.	N	July	17	17	Our Tvoricka Doki — Polystyrene joint venture insured	R	Aug	14	47	
Heininger, S. Allen at CMRA/CDA meeting	Sept	18	32	Titanium dioxide prices	N	July	17	39	Orange & Rockland Utilities — Industrial Energy Users Assn.: Industrial power consumers band together to fight rate hikes	N	Nov	6	13	
HDPE: plans to drop out of business	N	Sept	4	9	Zinc and zinc oxide prices	N	July	17	39	Organsko Kemiska Industrija — Polystyrene joint venture insured	R	Aug	14	47
L-dopa: Direct synthesis of the pharmacologically active form of molecules that occur in two mirror-image isomers, being used to produce L-dopa	Nov	20	71	Newmont Mining Corp. — FTC will issue complaints against interlocking directorates	July	3	12	Oronzo de Nora Impianti Elettrochimici — Penwalt's Tacoma, Wash. chlorine-caustic plant will replace Gibbs diaphragm cells with Glanor electrolyzers	N	Aug	28	31		
Landgard pyrolysis system for Baltimore, Md.	Dec	11	53	Offers to buy Foote Mineral stock	Aug	28	14	Ortec — Solid-state detectors pinpoint concentration of wide range of elements in samples faster than conventional X-ray methods	Dec	4	43			
LIFO system considered	N	Aug	21	9	Sales and earnings: second-quarter '74	July	3	11	Ortho Pharmaceutical — DES damage suit filed by Detroit-area residents	Sept	25	18		
Methanol and formaldehyde prices	N	Dec	4	29	Nippon Alfin Rubber — Synthetic rubber plant at Chiba will resume operations	R	Dec	11	39	Owens-Corning Fiberglass — Glass-fiber expansion plan	N	July	3	6
Nylon prices	N	Nov	13	23	Nippon Oil — Naphtha for Ukiyama Petrochemicals ethylene plant	N	Aug	28	25	Layoffs for 2,600 workers	N	Dec	18	35
PV butyral resin plant in Springfield, Mass. planned	R	Nov	6	20	Nippon Petrochemicals — Ukiyama Petrochemicals see under name	Sept	25	23	Stock offering	R	Nov	27	22	
Rexene thinks Monsanto may be too optimistic about polystyrene supplies	N	Oct	16	27	Nippon Synthetic Chemical Industry — Acetic acid plant to use Monsanto technology	July	24	16	Owens-Illinois — Plastic beverage bottle market	Sept	11	37		
Roundup herbicide unit at Luling, La. planned	R	Oct	30	14	Sorbic acid, potassium sorbate technology licensed to Monsanto	July	31	15	Oxirane — Channelview, Tex. plants to make ethylene glycol and propylene oxide and styrene planned	N	July	31	9	
Russia discusses barter deal for acrylic fibers plant	N	Sept	11	45	Nipros, Inc. — Cyclohexanone prices	N	Sept	25	23					
Seal Sands plant in Teesside, England, expansion	N	Sept	18	31	Nitrates of Portugal — Sulfuric acid joint venture with Amoniaco Portugues	N	Oct	16	35					
Texas City petrochemical complex hit by wildcat strike of Texas City Metals Trades Council	Aug	7	22	Nitrogen Service Co. — UC acquires patent rights and equipment of Klean-Kote process for cleaning pipelines by internal sand blasting	N	Nov	20	64						
Monsanto Industrial Chemicals — Sorbic acid, potassium sorbate technology licensed from Nippon Synthetic Chemical Industry	July	31	15	Nitto Chemical Industry — Japanese projects in Belgium	Sept	18	45							
Monsanto Polymers & Petrochemicals — FPC's new natural gas pricing system will have little effect on CPI	July	3	11	Nor-Am Agricultural Products — Seven, Raymond P. president. His hobby grew into career in ag chemical	Nov	13	48							
Licenses Nippon Synthetic to use acetic acid technology	R	July	24	16	Noranda Mines — Acquires Olin's 38.5% equity in Frialco	N	Nov	20	17	PPG Industries — Antiknock prices	N	Sept	4	17
Monsanto Research Corp. — Safety record at Miamisburg, O., laboratory	N	Sept	11	36	Aluminum reduction plant in New Madrid, Mo. to double capacity	R	July	3	13	Asbestos precedent set in Supreme Court decision on Borel case	Oct	30	13	
Monsanto Textiles — Adiponitrile plant at Pensacola, Fla.	R	Oct	23	28	Saskatchewan moving to take over privately owned potash industry	N	Oct	30	9	Caustic soda boost at Natrum, W. Va.	R	Aug	7	19
Montecatini Edison — Adria Laboratories, joint venture see under name	Dec	4	39	Norfolk & Western Railway — Decatur, Ill., yard expansion may have been caused by leaking isobutane	July	31	15			Caustic soda prices	N	Aug	28	19
Cellulose substitute made from PE and P. Netherlands: site in the Eemshaven industrial area considered	N	Dec	18	17	Norsk Hydro — Sales and earnings	R	Sept	18	47	Chloralkali plant in Lake Charles, La. to double capacity	N	July	24	9
Russian barter deal	N	Sept	11	45	North American Plant Breeders — Hybrid wheat	Aug	28	11		Chlor-alkali prices	N	Oct	9	53
Sales in first eight months of '74; production	N	Oct	9	57	North Carolina Phosphate Corp. — Phosphate expansion in North Carolina	N	Aug	21	9	Chlorinated solvent prices N Aug 28-19	N	Dec	4	29
Eight and nine months	N	Nov	6	29	North Star Chemical — Minneapolis sulfuric acid plant pilot testing absorption process to remove sulfur dioxide from stack gas	July	31	32		Chlorine-caustic soda expansion at Lake Charles, La.	July	31	14	
Unidentified investors group acquires 11.5% of Montedison	R	Sept	18	24	Northern Helium — Helium company entitled to \$78 million damages because the government breached a helium-purchase contract	N	Dec	11	32	Coatings & Resins Div.'s v-p and general manager Elmer C. Larsen: He's giving the paint business a good aster	Dec	4	52	
Montefibre — Plants, owned jointly with Monsanto, to make adiponitrile and hexamethylenediamine for nylon-6/6	N	Sept	18	31	Northern Petrochemical — Antifreeze market	Oct	9	59		"Development work" on expandable anodes	Nov	27	45	
Montgomery Ward — Marcor see under name	Aug	7	19	Tightness continues	N	Dec	4	29		Glass-fiber expansion plan	N	July	3	6
Morgan Adhesives — Sales and earnings: second-quarter '74	Aug	7	19	PE prices	N	Aug	28	19		Henrietta, Okla., glass manufacturing plant shut down	R	Sept	4	14
Morton-Norwich Products — Nor-Am Agricultural Products see under name	Oct	2	9	Polypropylene plants	N	Sept	4	9		Honduras: Industrial Chemical Div. donates granular calcium hypochlorite for hurricane-sicken zone	Oct	9	16	
Pharmaceutical plants in Puerto Rico and Norwich, N.Y. planned	R	July	3	13	Northwest Natural Gas — Oregon's ban on new hookups for natural gas will not immediately affect CPI firms in the area	Oct	9	19		Houston Chemical Div. lead alkyl prices	July	10	18	
Motorola — Acquisition of Philip A. Hunt Chemical	N	Nov	6	20	Northwest Pipeline — Oregon's ban on new hookups for natural gas will not immediately affect CPI firms in the area	Oct	9	19		Layoffs at two glass-fiber plants	N	Dec	18	35
Murphy Oil — Meraux, La., refinery expansion plans shelved	N	Oct	2	9	Norton Simon — Denver Chemical see under name	Nov	20	17		Natrum, W. Va. plant strike settlement includes cost-of-living clause	Aug	7	21	
					Novamont Corp. — Patent suit with Exxon settled; Novamont to license two PP catalyst patents	July	24	28		Natural gas supply dispute with Continental Oil settled	N	July	24	9
					Polypropylene capacity (table)	July	31	23		Pennwalt's Tacoma, Wash. chlorine-caustic plant will replace Gibbs diaphragm cells with Glanor electrolyzers	N	Aug	28	31
										Russian barter deal for glass-fiber and VC production	Sept	11	45	
										Sales and earnings: second-quarter '74	July	17	24	
										Third-quarter '74	Oct	16	22	
										Soda ash prices	N	Dec	4	29
										Vinylidene chloride: Italian reports suggest VIC may be carcinogenic	Oct	16	20	
										Waterborne interior coating, Envron 1776, will debut in beer and soft-drink cans	N	Sept	11	36
										Parke-Davis — VCM aerosols ban on Detroit-area residents	Sept	25	18	
										Honduras: aid promised	Oct	9	16	
										Warner-Lambert's acquisition not a drug monopoly rules FTC judge	Aug	21	13	
										Pauley Petroleum — FTC will issue complaints against interlocking directorates	July	3	12	
										Peabody Coal — Kennecott Copper's divestiture order: FTC denies petition for reconsideration	Aug	14	16	
										Pechiney Ugie Kuhlmann — French CPI growth recipe takes on Midcast flavor — report, Albert H. Kissin	Oct	30	21	
										Reorganization: Ugiilor share to Cdf-Chimie; full ownership of Plastimer; Rhone-Poulenc to get other interests	N	Aug	14	51
										Sales and earnings, first-quarter '74	R	July	17	35
										Penick, S.B. — Opium shortage in '75	N	Dec	18	21
										Pennwalt Corp. Chlorine-caustic plant at Tacoma, Wash. will replace Gibbs diaphragm cells with Glanor electrolyzers	N	Aug	28	31
										Drake at N.Y. Society of Security Analysts discusses main goals for 1979	Nov	20	23	
										Fresh, germicidal hand soap introduced	Oct	30	17	
										Pennacp M, microencapsulated pesticide, approved by EPA	Aug	21	43	
										Pentair Industries, Falls Paper Div. — Purchases Ethyl's West Carrollton, O. paper mill	R	Aug	21	15
										Pepsi-Cola — Plastic bottle manufactured from Du Pont's Dalar polyester resin	N	Dec	4	29
										Permanent Pigments — Artists colors	Dec	18	42	
										Pertamine — Oil shipment to U.S.	N	Nov	13	29
										Petrobras — Ammonia and urea complex planned	N	Nov	27	37
										Oil from shale pilot plant in Iran	N	Oct	2	25
										Petrobras Quimica — Plastics joint venture with Foster Grant in Brazil	N	Nov	13	9
										Petrofina — Candel Oil looking for a buyer for its 6.9% share in tar sands project	Dec	18	20	
										Petroles Mexicanos — Mexican oil finds could prove a petrochemical bonanza	N	Oct	23	55

Petrochemical buildup aims to relieve shortages	Dec	4	36	Red-Ban Chemicals — Grace acquires all outstanding shares from Sun Ventures Div. R	Dec	18	21	Rubber Masterbatch Color — Harwick Chemical purchases business from Reichhold Chemicals R	July	10	16
Petroquímica Argentina S.A. — Workers call for nationalization of Pasa N	Aug	14	51	Redrock — Acquired by W.R. Grace R	July	3	13	Rubicon Chemicals — European process, Foamax, to make flat urethane slab stock is drawing U.S. interest N	Sept	4	31
Petroquímica Bahia Blanca — Bahia Blanca petrochemical complex way behind schedule N	Nov	20	57	Reichhold Chemicals — Dividend R	July	24	16	Rubrofin process for laminating panels with isocyanurate foams N	Nov	20	64
Petroquímica-Dow S.A. — Chilean LDPE plant capacity to be doubled N	Aug	14	9	Harwick Chemical purchases Rubber Masterbatch Color's business R	July	10	16	Ruhrigas — Algerian natural gas contracts getting tougher to obtain N	July	10	10
Petrolium — Coal-derived fuel resins N	Oct	9	46	Maleic anhydride plant in Morris, Ill. still hobbled by operational problems N	Aug	7	13				
Pizer — Fermentation waste from Groton, Conn., plant may find a profitable use N	Nov	20	45	Polyester resins plant in Morris, Ill. planned R	Dec	18	21				
Iron oxide plant will be built in Sayreville, N.J. N	Aug	7	13	Reilly Chemical Co. — Vaporizer in a Bottle releases volatile decongestants through a wick Nov	27	34					
Terramycin (oxytetracycline) to treat Florida's coconut palm trees	July	10	14	Republic Steel — Hydrometallurgical process that recovers 90% of nickel from oxide and silicate ores developed Oct	23	57					
Tetraline price fixing case: court clears firms	July	3	12	UC plans expansion of air-separation capacity at Gadsden, Ala., works N	Oct	9	9	SCM Corp. — Glidden-Durkee Div.: J.A. Faber at 6th International Congress of Essential Oils Sept	18	49	
Phelps Dodge — Copper prices N	Oct	23	67	Reserve Mining — Supreme Court refuses request by Minnesota state officials to strike down a stay of District Court order that would prevent discharging wastes into Lake Superior R	July	17	24	Glidden-Durkee Div.: titanium dioxide addition at Baltimore, Md. Aug	14	24	
Lavender Pit copper mine and concentrator at Bisbee, Ariz., will close R	Dec	11	15	Court vetoed plan for asbestos disposal. Solution appears near, new on-land site for disposal considered Sept	4	13	Glidden-Durkee Div.: titanium dioxide prices N	July	17	39	
Phillips Paraxylene Inc. — Para-Xylene plant in Puerto Rico R	Sept	25	19	Justice Dept. urges high court to ban RM discharges Oct	16	20	Titanium dioxide pigment operations at Ashtabula, O., to be bought from Sherwin-Williams R	Oct	9	17	
Phillips Petroleum — Butadiene plant in Borger, Tex., planned under company control N	Aug	21	39	Another day in court Nov	27	20	SNE — Italy's natural gas supply will get boost from new pipelines Aug	14	45		
Ethylene structure, possibly in Sweeny, Tex., considered N	July	3	6	Onland disposal site sought Oct	23	24	SSC&B — Lysol-brand disinfectants: FTC accepts consent order July	31	15		
Polypropylene capacity (table) N	July	31	23	Reinsolop — Rhone-Poulenc gets full ownership ship Aug	14	51	St. Regis Paper — Paper mill at Buckapoo, Me. expansion R	July	3	13	
Prinx — Synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine N	Nov	27	37	Reverse Copper — Aluminum prices N	July	17	39	Salzgitter — Algerian natural gas contracts getting tougher to obtain July	10	10	
Pioneer Drilling — Acquisition by Kenai R	Aug	28	16	Rezene — Monsanto may be too optimistic about polystyrene supplies N	Oct	16	27	Sandoz — Sales and earnings — first-half '74 Aug	7	29	
Pioneer Hi-Bred International, Inc. — Hybrid wheat Aug	28	11	40	PE prices N	Aug	28	19	Wallace M.J. discusses pretreating costs at CCA seminar Oct	9	27	
Pirelli S.P.A. — Firestone T&R will purchase 100% of Dunlop Canada R	July	17	24	Polypropylene capacity (table) July	31	23	Sandoz-Wander — Dorey tabs. Div. DES damage dealt by Detroit-area residents Sept	25	18		
Pittsburg & Midway — SRC process flow sheet — Coal liquefaction report. Donald P. Burke Sept	11	40		Reynolds Metals — Aluminum: Recycling is the key to increasing the aluminum industry's supplies. D.P. Reynolds tells AA annual meeting Nov	6	22	Sanyo Chemical Industries — Acrylamide-based flocculants Sept	11	34		
Pittsburgh-Des Moines Steel — General Dynamics acquires World Southern's Charleston, S.C., facility R	Dec	11	15	Recycling program expansion Nov	27	22	Schering AG — DES damage suit filed by Detroit-area residents Sept	25	18		
Plast-Kote — VCM aerosols ban on Plastimer — PCUK gains full ownership N	Oct	16	20	Aluminum prices N July 10-18 N	July	17	39	Nor-Am Agricultural Products see under name			
Plast-Labor S.A. — Acquired by Celanese Coatings R	Oct	9	17	Bauxite mining countries pressure aluminum makers; Guyana sets tax Oct	9	15	Sales and earnings: '74 first-half R	Sept	18	47	
Polaroid Manufacturing Co. — Buell, Eric at 6th International Congress of Essential Oils Sept	18	49		Bauxite operations in Guyana face uncertain future as tax issue persists Oct	16	20	Scientec — European chemical business studies (table) Nov	6	40		
Pollution Control Products — Silver-impregnated filter systems win water purification jobs Aug	7	37		BPA contracts for conductor cable R	Aug	21	15	Scientific Design Co. — Contractor for Ashtabula Chemical's maleic anhydride plant in W. Va. N	Aug	7	13
Polumbus (Denver) — Grace to acquire 70% of the Polumbus' shares Nov	27	22		Guyana bauxite mining operations lays off 428 workers R	Oct	30	14	Technical advisor for Bangladesh plant N	Dec	11	41
Polychrome — Rhodia purchases common stocks R	Oct	9	17	Jones Mill, Ark., aluminum reduction potline will shut down Dec	11	15	Williams at CMRA meeting: Shortages of skilled labor will hamper design, construction of plant under way Nov	20	47		
Polymer Corp. of America — Nonflammable grating will prove a cheaper route to nonflammable cotton, tarnishproof silver and permanently dyeable glass fiber N	July	17	29	Sales and earnings? second-quarter '74 Third-quarter '74 Oct	16	22	Scott Paper — Container products business to be discontinued R	Sept	18	24	
Technology for Japanese powder coatings plant R	Dec	18	27	Reynolds Guyana Mines Ltd. — Guyana announces nationalization of bauxite operations July	24	15	Searle, G.D. — Aspartame, artificial sweetener, approved by FDA Aug	7	18		
Polymeric Treatment Ltd. — Licenses Sealosafe, a mechanical-chemical polymerizing process N	Nov	20	63	Rhodia Inc. — Picard Raymond J.: Accent of his French firm is American Oct	3	78	Aspartame faces charges of potential brain damage Oct	2	15		
Portland General Electric — Acquires more than 45,000 acres in coal prospecting permits R	Dec	4	19	Purchase of Polychrome common stocks R	Oct	9	17	Aspartame hits a snag Nov	6	37	
Potash Co. of America — Potash prices N	Oct	2	19	Rhodiaeta — Abbreviated workweeks are becoming the rule in W. Germany N	Oct	23	55	Sekisui Alveo — Netherlands project N	Sept	18	47
Potash Co. of Canada — Potash prices N	July	3	19	Rhone-Poulenc — Fiber production will be discontinued for two to four weeks N	Nov	27	13	Sekisui Jushi — Dutch company to manufacture PP strapping tape Sept	18	47	
Potlatch Corp. — Bleached pulp and paperboard mill in SE Arkansas cost up R	Dec	18	21	French CPI growth recipe takes on Mideast flavor — report, Albert H. Kislin Oct	30	21	Shaklee Corp. — FTC issues a consent				

Shiseido Cosmetics — Davidson Associates' "Sweet Smell of Success" seminar and workshop on fragrances	Nov	20	61	Silicone prices N Sept 11-25	N	Sept	25	23	Thai Petrochemical — Mitsui-headed Japanese consortium pulling out of a petrochemical complex	N	Sept	11	15
Shows Denko — Ethylene expansion plans delayed N July 10-23	Oct	9	57	Soda ash prices	N	Dec	4	29	Thermal Power Co. — Al-Aquitaine Exploration dropping efforts to acquire TP	N	Oct	2	9
N Interest in Venetian aluminum smelter in Guyana reduced	Aug	14	51	Sulfuric acid prices	N	Dec	18	35	Thermal Resources, Inc. — Geothermal development agreement	R	Aug	28	16
Sifrance — Rhone-Poulenc will take over PCUK interests	Aug	14	51	VCM emission control sought	N	Sept	18	66	Thiokol — Joint venture fiber facility in Limburg, Belgium	R	July	24	16
Signetics Corp. — Sunnyvale, Calif., semiconductor plant to close for eight days because business is slow	R	Nov	27	22	Stapan Chemical — Azodicarbonamide blowing agent to be produced at Wilmington, Mass. plant	July	3	13	Wins NASA contract for solid-fuel rocket engines for space shuttle despite Lockheed Aircraft protest	N	July	10	13
Sika Chemical — Cement additives	July	10	22	Stock dividend	R	Aug	21	9	Tokyo Boeki — Qatar steel venture	N	July	31	21
Simon-Carves — Contract for Dominion Fertilizer's sulfuric acid plant in New Zealand	Dec	18	27	Stevens, J.P. & Co. — Unionization: Setting trend in South?	R	Sept	11	19	Toray Industries — D-lactic acid may be synthesized commercially	N	Dec	4	39
Smith, A.O. Corp. — Electronic totalizers for industrial flow control systems featured at ISA show	Nov	6	33	Stone Container — Dividend increased	R	July	24	16	Economic outlook	N	Dec	11	39
SmithKline Corp. — Surgical Specialties Div. marketing a felt-like composite of Teflon and organic fibers called Proplast	Oct	23	61	Stratnor — Rhone-Poulenc gets full ownership	N	Aug	14	51	Sales and earnings: '74 six months	N	Nov	13	29
N Snam-Progetti — Negotiating to import Iranian natural gas	Aug	14	45	Sueddeutsche Chemiefaser — Synthetic fiber makers (9) found guilty of price fixing will pay a \$14-million fine	N	Nov	27	37	Toyo Engineering — Technology for Russian ammonia unit	R	Dec	18	27
Ures process patent winner	July	17	28	Sueddeutsche Kalkstickstoff-Werke AG — Canadian ferrosilicon no threat to U.S. producers	July	17	24	24	Toyochem — Executives are trimming their own pay as an example to their employees	N	Nov	13	29
Snell, Foster D. Inc. — OSHA-sponsored economic impact report on VC standard spurs controversy	Sept	18	22	Sullivan, Frank & Co. — Plastic table tips keep spills off passengers	Oct	30	16	16	Traction et Electricite — LNG-3 or Engas: contract for the world's largest plant awarded to a consortium of companies	N	Sept	11	15
Soc. Francaise des Petroles BP — Synthetic protein plant at Cap-Lavera delayed	Sept	18	37	Sulzer Bros. — Extracting heavy water from ammonia plants studied	July	3	27	27	Trans Mountain Pipe Line — Study of possible routes for a pipeline to carry crude oil south from northern Canada	R	Oct	30	14
N Tchekladze — Single-cell protein (SCP) may become a commodity in world chemical markets	Oct	30	19	Xylose and glucose recovered from wood at a pilot plant N Oct 2-31	Nov	6	37	37	Transcontinental Gas Pipe Line — FTC will issue complaints against interlocking directorates	July	3	12	12
Schoenholtz, Dan, executive vice-president: He traded security for diversity	Aug	21	45	Sumitomo Chemical — Acrylamide-based flocculants	Sept	11	34	34	Transcontinental Oil Corp. — Grace plans acquisition	Sept	25	17	17
N Soc. Internationale Prell — Firestone T&R will purchase 100% of Dunlop Canada	Oct	2	5	Drug joint venture with ICI in Japan	Dec	11	39	39	TransOcean Oil — Vickers Energy's tender offer for all outstanding shares	Oct	9	17	17
R Soc. Portuguesa de Petroquimica — Ammonia and urea joint venture plants in Sines	July	17	24	N July 10-23	Oct	9	57	57	Transwestern Pipeline — New Mexico gas from coal plant proposed	July	3	9	9
R Soc. Portuguesa de Petroquimica — Ammonia and urea joint venture plants in Sines	Oct	16	35	Sales and earnings: final	Aug	14	47	47	Trou International — Acquired by BP	Dec	4	35	35
Soltech Polymer — Acquisition of Celanese's HDPE operations, including the Deer Park, Tex. plant N Oct 2-9	Dec	4	19	Sun Calvert — Calvert Exploration merged into Sun Calvert	Aug	7	19	19	Tuboplast — Rhone-Poulenc gets full ownership	Aug	14	51	51
R Solvay & Cie — Acquisition of Celanese's HDPE business includes Deer Park, Tex. plant N Oct 2-9	Dec	4	19	Sun Chemical — Coal-derived fossil resins	Oct	9	46	46	Tubos de Centroamerica, S.A. — PVC pipe and fittings joint venture with Robintech	Oct	16	24	24
Sonatrach — Algerian natural gas contracts getting tougher to obtain	Sept	11	37	Sun Oil — Calvert Exploration merged into Sun Calvert	Aug	7	19	19	Tyler Corp. — Atlas Powder's headquarters to move from Wilmington, Del., to Dallas	Sept	18	27	27
N Crude oil prices will be cut	July	31	21	Open-pit mining of shale will be studied	July	10	29	29					
N El Paso Natural Gas deal may have reached an impasse over prices	July	17	33	N Sun Venture Div. agrees to sell Red Barn Chemicals shares to Grace	Dec	18	21	21					
N Hispanoil approached to reopen talks for a supply program	July	31	21	Sybeta — LNG-3 or Eurogas: contract for the world's largest plant awarded to a consortium of companies	Sept	11	15	15					
N LNG-3 or Eurogas: contract for the world's largest plant awarded to a consortium of companies	Sept	11	15										
N Petrochemicals figure prominently in long-range planning	July	10	10	Tanner, Chas. S. — Ciba-Geigy purchases all outstanding shares	July	10	16	16	Ugilor — Cdf-Chemie gets full ownership	Aug	14	51	51
N Sony Corp. — Batteries, dry-cell, subsidiary set up with UC	Oct	30	14	Tara Materials — Polyflax for artist's canvases	Dec	18	42	42	Ukshina Petrochemicals — Ethylene plans N July 10-23	Aug	28	25	25
N South Africa Coal, Oil & Gas Corp. — Oil-from-coal gasification plant	Dec	11	58	Tate & Lyle — Thaumatin, protein sweetener	Nov	6	37	37	Union A.G. — Foamax process to make flat urethane slab stock is drawing U.S. interest	Sept	4	31	31
N Southern California Edison — Scrubber removes SO from power plant stacks, with no plugging or scaling problems	Oct	30	31	Taylor Instrument — Potentiometric recorders, indicators and controllers called Multi-Scan	Dec	18	40	40	Union Asbestos & Rubber Co. — Labor leaders will press for tougher asbestos exposure standards	Oct	2	15	15
N Southern California Gas — New Mexico gas from coal plant proposed	July	3	9	Techmashimport — Litvin to build polystyrene plant	Aug	21	23	23	Union Carbide — Acquires patent rights and equipment of Klean-Kote process for cleaning pipelines by internal sand blasting	Nov	20	84	84
N Southern Oil Exploration Corp. — Offshore oil exploration	Sept	25	33	Tech-S Inc. — Microcomputers	Sept	18	37	37	Acrylate and glacial acrylic acid prices	Sept	18	31	31
N Southern Pacific — Houston rail-yard explosion: ignited butadiene suspected cause	Oct	2	16	Tejln Ltd. — Candel Corp. see under name	Dec	11	39	39	Air-separation capacity expansion at Republic Steel's Gadsden, Ala., works planned	Oct	9	9	9
N Southwest Forest Industries — Sales and earnings: second-quarter '74	Aug	7	19	Executives are trimming their own pay as an example to their employees	Nov	13	29	29	Antifreeze market	Oct	9	59	59
N Southwire — Utah joint alumina-alumina-fertilizer plant	Aug	7	17	N Polycarbonates expansion	July	17	35	35	Batteries, dry-cell, subsidiary set up with Sony	Oct	30	14	14
N Sparkler Manufacturing Co. — Silver-impregnated filter systems win water purification jobs	Aug	7	37	N Sales and earnings: '74 six months	Nov	13	29	29	Bound Brook, N.J. facilities will be upgraded	Nov	20	17	17
N Spinnstoffabrik Zehlendorf — Workers on short hours	Oct	23	55	Teledyne — Essex Chemical acquires Coast Pro-Seal	Sept	4	14	14	Cox, D.P. discusses arsenic as environmental peril at ACS meeting	Sept	18	59	59
N Sprague, C.H. & Son — Newington, N.H. voters turn down refinery proposal	July	10	16	N Mississippi Chemical purchases potash reserve in Carlsbad, N.M.	July	24	15	15	Credit: UC doubles its bank lines of credit to \$600 million	Sept	4	12	12
N Spray-On Products — VCM aerosols ban on Squibb, E.R. — DES damage suit filed by Detroit-area residents	Oct	16	20	Tenneco Chemicals — Activated carbon absorption unit to control VCM emissions being installed at Pasadena, Tex. plant	Sept	18	66	66	Detergent alcohol buildup	Oct	23	70	70
N Tetracycline price fixing case: court clears drug firms	July	3	12	Coatings and plastics colorants — new plants and expansion	Nov	13	9	9	Differential for small shipment of drummed chemicals increased	Sept	4	17	17
N Staley, A.E. — Financing for expansion, mostly in corn syrups	Nov	13	9	Formaldehyde prices	Sept	4	17	17	Dover Township, N.J.: Contaminants seeping into water supply unearthed	Aug	7	20	20
N Soybean plant damaged by rail yard explosion in Decatur, Ill.	July	31	15	N Marks, Ray, president: He found that selling toys isn't kid stuff	Sept	18	80	80	Dover Township residents file class-action suit alleging that wastes contaminated their water supply causing the state to condemn their wells	Oct	30	14	14
N Starnicarbon — Urea process battle winner	July	17	28	Methanol prices	Sept	4	17	17	Ethylene expansions can't keep up with demand (chart)	July	24	24	24
N Standard Chemical Ltd. — Sodium chlorate capacity in Beaunehois, Que., to double	Nov	27	22	N PVC homopolymer facilities in Flemington, N.J. to be converted to PVC-acetate copolymers	Aug	28	16	16	Ethylamines plant in Europe planned	Sept	25	31	31
N Standard Oil (Indiana) — Acquisition of Oxy: Hammer opposes takeover plan, citing a probability of antitrust violation	Nov	27	18	Vinyl storm window, make-it-yourself kit	Sept	4	14	14	FPC's new natural gas pricing system will have little effect on CPI	July	3	11	11
N Oxy uses to block bid	Dec	11	12	Terephthalos Mexicanos — Terephthalic acid plant in the Coahuila-Minatitlan area	Dec	4	36	36	Food casing plant in Osceola, Ark., planned	Dec	18	21	21
N Polypropylene capacity (table)	July	31	23	N Texaco — Acquisition of Cyanamid's 50% interest in Jefferson Chemical, and its subsidiaries	Nov	20	17	17	Graphite electrode unit planned	Aug	21	15	15
N Standard Oil (Ohio) — FTC will issue complaint against interlocking directorates	July	3	12	Ethylene expansions can't keep up with demand (chart)	July	24	24	24	Hughes at Financial Analysts Federation	Oct	16	19	19
N Shipping terminal at Valdez, Alaska, planned	Sept	18	24	Granville reports to N.Y. analysts	Nov	13	18	18	Iranian joint ventures studied	Aug	28	14	14
N Uranium: solar energy will provide low-cost hot water for milling in a joint venture with AEC	Oct	9	63	Texas Eastman — Ethylene expansions can't keep up with demand (chart)	July	24	24	24	License agreement with Biospherics covers Phostrip process	July	10	16	16
N Stauffer Chemical — Acquisition of Marine Colloids	Dec	11	15	N Texas Gas Transmission — SNG plant planned in Kentucky	July	24	16	16	Linde Div. industrial gas prices	N	Dec	11	32
N Aluminum sulfate (alum) prices	Dec	18	35	Texasgulf — Chlor-alkali plant at sulfur property considered	July	31	14	14	N Aug 7-35	N	Dec	11	32
N Chlorine-caustic: new plant considered	July	31	14	N Farm Div. plans to build herd increase and beef cattle production expansion	Dec	4	13	13	Linde Div. — plans air-separation plant near Wilmington, N.C.	Sept	4	9	9
N Morley at Houston Society of Financial Analysts: First half indicates '74 earnings will top last year's by 60%	Sept	25	17	N Fogarty at N.Y. Society of Security Analysts: "Our goal is to be the No. 1 natural resources company"	July	31	12	12	Linde Div. — Unox, oxygen waste-water treatment system	Dec	18	41	41
				N Phosphate fertilizer at Timmins, Ont.	Dec	4	13	13	Marine terminal in Texas City, Tex., expansion	Oct	9	17	17
				N Sulfur prices	July	24	23	23	Olefins capacity boost at Taft, La. complex will double ethylene output by late 1977	Aug	21	14	14
				N Text — Loss for the 4th quarter expected	Nov	6	20	20	Order processing goes to fully automated computer system	Aug	7	18	18

Phenolic resins and molding material prices	July	3	19
Plasticizers prices	Aug	7	35
Propionaldehyde plant in Texas City, Tex. will also produce propionic acid	July	3	13
Propylene outlook	Sept	11	27
Puerto Rican nationalists suspected in N.Y. headquarters bombing	Nov	6	23
Purox pyrolysis system for fuel-gas recovery at South Charleston, W. Va., being tested	Dec	11	53
Sales and earnings estimates and projections	Dec	18	20
Sevin capacity at Institute, W. Va. will be raised	July	31	9
Soil conditioner for plants is hydrophilic polymer	July	24	22
Tungsten mine in Lincoln County, Nevada	Oct	16	13
Tungsten mine and mill to start up in '76	Oct	23	28
Uranium Enrichment Associates see under name			
Water & Energy Management System (WEMS) at Ponce, P.R., petrochemical complex described at ISA show	Nov	6	33
Women: CPI firms seek painless path for bringing women into management	Aug	7	15
Union Carbide Canada — Sales and earnings — first-half '74	Nov	7	29
Third-quarter '74	Nov	13	29
Union Gas Co. of Canada — Strike settlement includes cost-of-living provisions	Aug	7	21
Union Pacific RR — Merger with Chicago, Rock Island & Pacific RR faces long haul	Nov	20	22
Uniroyal — Dividend	July	24	16
Flex-Light photopolymer elastomeric printing plate for flexographic printing	Nov	27	34
United Aircraft — Bidding battle with International Nickel of Canada for control of ESB	July	31	12
Inco wins bidding duel; Justice Dept. investigates	Aug	7	19
United Gas Pipe Line — Natural gas supplies to industrial and power-plant customers cut, because of limited supplies	Oct	16	22
United Nuclear — AEC contract to produce nuclear components at Montville, Conn.	Dec	11	15
Uranium concentrates contract	Aug	7	19
U.S. Borax — Borax allocations will continue; strike at Boron and Wilmington, Calif. plants aggravates supply bind	Aug	14	23
Mine and refinery capacity at Boron, Calif., expansion	Nov	20	17
U.S. Paint, Lacquer & Chemical — Urethane coatings in mass transit	Sept	25	26
US Steel — International Paper plans to acquire timberland in Mobile County, Ala.	Sept	25	18
USS Chemicals — Phthalic anhydride expansion at Pittsburgh, Pa.	July	17	17
Universal Cooperative — Alliance, O. headquarters and plant fire	July	24	16
Universal Oil Products — Acquisition of Chemical & Pollution Services	Sept	18	24
Chemical Div. contracts to supply specialty chemicals to the U.S.S.R. for use in automobile industry	July	31	15
Earnings, second-quarter '74	July	10	15
Hydrometallurgical process that recovers 90% of nickel from oxide and silicate ores developed	Oct	23	57

Minerals science division set up to develop and market a hydrometallurgical nickel recovery method	Oct	2	31
Nickel laterite ores processing demonstration plant	Oct	16	24
Synthetic crude oil: UOP process to liquefy coal in pilot-plant test	Sept	25	39
Technology for Japanese detergent alcohol plant	Nov	13	23
Univex — Caprolactam plant in Salamanca, Mexico, expansion	Dec	4	36
Upjohn — Arthritis drug called motrin	Oct	9	48
DES damage suit filed by Detroit-area residents	Sept	25	18
Gilmore Labs makes low-molecular-weight polycarbodiimides, called oligomers, from methylenediphenyl isocyanate	Sept	18	63
Honduras: Koopectate cases donated	Oct	9	16
Japanese may commercialize new process for making hydroquinone	Nov	13	39
Synthesis of hydroquinone based on phenol and acetone is said to cut costs, reduce plant effluents, by-produce bisphenol A	Dec	11	51
Tetracycline price fixing case: court clears drug firms	July	3	12
Uranium Enrichment Associates — Joint venture considers uranium enrichment plant in Alabama July 10-14	July	24	16
Proposals to provide expanded uranium enrichment capacity not acceptable to private utilities	July	31	13
Feasibility of private operation still unclear	Aug	14	66
Ureacal Corp. — Urethane coatings in mass transit	Sept	25	26
Utah Coke & Chemical — Coal-derived fossil resins	Oct	9	46

V

Van Brode Milling Co. — Agrees to pay fine for shipping an allegedly unregistered and misbranded pesticide	July	31	15
Velsicol Chemical — Benzoic acid plant in Beaumont, Tex.	Sept	25	19
Phosvel shipped to Egypt to aid in control of cotton boll weevil	July	24	23
Verona Corp. see Mobay Chemical, Verona Dyestuffs Div.			
Vickers Energy — Tender offer for all outstanding shares of TransOcean Oil	Oct	9	17
Virginia Chemicals — Alkyl amines plant at Bucks, Ala., planned	Oct	9	17
Sodium hydrosulfite product prices	Sept	4	17
Sulfur dioxide prices N July 31-18	Aug	21	19
Zinc sulfate products prices	Aug	21	19
Vistron Corp. — Barex Resin-210 plant in Lima, O.	July	3	13
Barex 210 for food and cosmetic packaging	Sept	11	37
Voeft-Alpine — LNG-3 or Eurogas contract for the world's largest plant awarded to a consortium of companies	Sept	11	15
Voltek — Sekisui joint venture in the U.S.	Sept	18	47
Vulcan Materials — Monaghan tells Chicago analysts: Profit prospects good	Oct	2	14

W

Warner-Lambert — Acquisition of Parke, Davis & Co. not a drug monopoly rules FTC judge	Aug	21	13
Listerine mouthwash: TV ads made false claims says FTC judge	Dec	18	21
Weed Eater — Electric lawn trimmer	Sept	4	14
Weldwood Packaged Products — Rubberized waterproof flooring cement	Sept	4	14
WESCO — Licenses Lurgi fixed-bed process	Aug	7	24
Western Nuclear — Tender offer for all shares of Allied Nuclear considered	Aug	14	16
Westinghouse Electric Co. — Brazil's first nuclear power plant, Angra No. 1	Nov	27	38
Prototype lamp that produces 60% more light per watt than fluorescent lights	July	24	28
Shelby on reactor marketing	Aug	14	19
Uranium Enrichment Associates see under name			
Uranium enrichment joint venture July 10-14	July	24	16
Joint project with Bechtel off	Oct	2	13
White Martins, S.A. — Industrial gas facilities	July	17	35
Whitford Plastics Ltd. — Du Pont charges patent infringement in use of Teflon-like material	July	24	9
Whittaker Corp. — Narmco Materials Div. acquired by Celanese	Oct	23	67
Williams Companies — Agrico Chemical minority stockholders agree to exchange shares for shares of Williams Companies	Aug	7	19
Agrico Chemical Div.: North Carolina Phosphate Corp. see under name			
Wilson Greatbatch Ltd. — Battery research	Aug	28	28
Witco Chemical — Sales and earnings: second-quarter '74	Aug	7	18
Sulfonation unit planned at Oakville, Ont.	July	17	35
Thioglycolate and thiocyanate capacity expansions	Oct	16	24
Ultra Div. will launch Active, a heavy-duty powder detergent, in New England and Baltimore-Washington markets	Oct	30	9
U.S. Peroxygen Div. expanding organic peroxide capacity in Marshall, Tex.	Aug	14	23
World Southern — General Dynamics acquires Charleston, S.C., facility from Pittsburgh-Des Moines Steel	Dec	11	15
World-Wide Construction Services — VCM emissions: technology being developed to operate new, large reactors from remote, isolated control rooms	Sept	18	71

Y

Yankee Refineries — Entry in the race for a New England refinery	Oct	23	24
Yuba River Lumber — Acquired by Fiberboard	Sept	4	14

Z

Zimmer — Mexican polyester filament yarn plant	Aug	14	47
--	-----	----	----

